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Statistics of Agricultural and Mechanical Colleges

1916-17

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STATISTICS OF AGRICULTURAL AND MECHANICAL COLLEGES.

The report of the agricultural and mechanical colleges for the year 1916-17 has more than ordinary significance on account of the important relation of these institutions to the war. From the beginning they have cooperated closely with the Government in furnishing a large quota of men with military training. Courses have been added which will further promote efficiency in the home and agricultural life of the community at large. Many colleges have added or adapted mechanical and engineering courses which will be of special service in war activities. The statistics which follow do not show the exact loss of students and instructors which resulted from the declaration of war, but it has been estimated that the loss amounts to about 20 per cent of the total enrollment.

While special concessions were extended to students who were about completing courses, so that they received credit for the last few weeks of their work although absent in the service of the Nation, yet it has generally been considered inadvisable to continue this policy unless the student were actually present. As a result, students have not been carried on the registration rolls unless in residence, as has been done generally in Germany.

RESERVE OFFICERS' TRAINING CORPS.

The year 1916-17 marks the beginning of the regular system of Reserve Officers' Training Corps in the institutions. Previous to the authorization of these courses it was impossible for the War Department to properly recognize the military work of the colleges by granting to proper graduates commissions in the Army. It is now arranged that, if the institution offers certain special military work, the student may upon graduation be immediately commissioned a provisional second lieutenant in the regular Army (this is on a peace basis); in addition, the students who are taking the reserve officers course are allowed other privileges, such as allowance for uniforms. Altogether, it marks a distinct step forward in recognition of the military work which has always been given by the agricultural and mechanical colleges.

Under the provisions of the act of Congress of June 3, 1916, the War Department is placed in immediate control of the military

instruction given in all institutions that have units of the Reserve Officers' Training Corps. The General Orders, No. 49, 1916, of the War Department give in detail the provisions for the establishment, administration, and maintenance of the Reserve Officers' Training Corps at educational institutions in time of peace. A partial synopsis of the principal provisions follows:

All units will be organized in two divisions, a senior division requiring four years of collegiate study, a junior division composed of all other units.

Only institutions at which an officer of the Army is detailed as instructor in military science and tactics and at which at least 100 male students are under military instruction will be eligible for units.

The course of study in military science may be prescribed by the War Department and shall be of not less than three hours per week for the senior division:

Arms, uniforms, equipment, and supplies may be issued to units.

Any graduate of the senior division course may be, in time of peace, commissioned temporary additional second lieutenant in the Regular Army for six months, with pay at the rate of \$100 per month and allowances. After the expiration of this service he reverts to the status of a reserve officer.

Only about half of the institutions had perfected the organization of units during the year 1916-17, but practically all will have obtained units before the close of 1917-18.

FEDERAL ACTS FOR THE BENEFIT OF THE COLLEGES OF AGRICULTURE AND THE MECHANIC ARTS.

The principal acts providing for the support of instruction in these institutions are three in number:

(1) The act of July 2, 1862, granting public lands to the States, known as the "first Morrill Act," and the act of March 3, 1883, amending the previous act and providing for the investment of capital.

(2) The act of August 30, 1890, making yearly appropriations to the States and Territories in aid of colleges of agriculture and the mechanic arts, known as the "second Morrill Act."

(3) The act of March 4, 1907, known as the "Nelson amendment," increasing the annual appropriation to \$50,000 per year to each State and extending the conditions for the use of the funds.

In addition to the three acts supporting instructional work, there have been three acts granting Federal aid for experimentation and extension work:

(1) The act of March 2, 1887, the "Hatch Act," granting \$15,000 to each State for agricultural experiment stations.

(2) The act of March 16, 1906, the "Adams Act," increasing the annual payment for experiment stations to \$30,000 for each State.

(3) The act of May 8, 1914, the "Smith-Lever Act," making an annual appropriation to each State for agricultural extension work.

There are also a number of subsidiary acts and amendments, such as the acts authorizing the detail of Army officers to the colleges as instructors in military science and tactics, the act authorizing free postage on reports, etc.

The benefits of the act of 1862, or of later acts in lieu of it, are received by every State, and 53 institutions are thereby aided—one in each of 43 States and two each in Massachusetts, Mississippi, South Carolina, Virginia, and Kentucky. Massachusetts divides its fund between the Agricultural College and the Institute of Technology; while Mississippi, South Carolina, Virginia, and Kentucky divide the funds between institutions for white and colored students.

The amount of the appropriation under the acts of 1890 and 1907 is now fixed at \$50,000 for each of the 48 States and the two insular possessions—Porto Rico and Hawaii. Sixty-eight institutions are aided. Seventeen States maintain special colleges for colored students, which receive part of this fund.

Professors, instructors, extension workers, and experiment station staff, 1916-17.

	1912-13	1913-14	1914-15	1915-16	1916-17
In institutions for white students.....	8,276	9,019	9,742	9,961	9,800
In institutions exclusively for colored students.....	439	511	529	535	544
Total.....	8,715	9,530	10,271	10,496	10,344

Student enrollment, 1916-17.

	1912-13	1913-14	1914-15	1915-16	1916-17
In institutions for white students.....	90,705	105,803	114,903	119,886	122,033
In institutions exclusively for colored students.....	8,561	9,251	10,170	10,613	11,332
Total.....	99,266	115,054	125,073	130,499	133,405

Students in regular college courses in certain subjects in institutions for white students.

Subjects.	1912-13	1913-14	1914-15	1915-16	1916-17
Agriculture.....	10,871	13,249	13,833	15,025	14,348
Horticulture.....	459	512	1,083	634	941
Forestry.....	534	485	1,089	374	347
Veterinary science.....	598	598	1,204	841	773
Household economics.....	3,074	4,018	4,831	5,177	5,088
Mechanical engineering.....	3,830	4,098	4,189	4,340	4,417
Civil engineering.....	3,392	3,473	3,289	3,015	2,822
Railway engineering.....	74	55	330	517	46
Electrical engineering.....	2,027	3,277	3,335	3,921	3,256
Mining engineering.....	796	677	713	671	671
Chemical engineering.....	588	778	871	1,095	1,505
Sanitary engineering.....	117	132	495	355	79
Textile engineering.....	69	90	99	150	107
General engineering.....	2,535	2,612	2,383	2,143	2,165
Architecture.....	718	1,045	844	890	964
Chemistry.....	729	614	715	713	831
Pharmacy.....	135	148	249	168	377
General science.....	4,860	4,856	4,842	5,673	8,969

AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

Students in military science and tactics, 1916-17.

Institutions.	1912-13	1913-14	1914-15	1915-16	1916-17
In institutions for white students.....	22,804	26,600	28,746	31,268	33,704
In institutions exclusively for colored.....	2,426	2,136	2,020	2,177	1,415
Total.....	25,230	28,736	30,766	33,445	35,119
In Reserve Officers' Training Corps courses.....					8,045
Grand total.....					43,154

Enrollment in the principal divisions in institutions for white students, 1916-17.

Departments.	1912-13	1913-14	1914-15	1915-16	1916-17
Agriculture.....	12,462	14,844	17,169	16,874	16,409
Home economics.....	3,074	4,018	4,441	5,177	5,055
Mechanic arts.....	15,141	16,215	16,554	17,067	16,201
Short and special courses.....	11,300	15,510	11,997	12,181	16,477
All departments.....	40,705	40,587	40,161	39,399	38,142

Enrollment in institutions exclusively for colored students.

Departments.	1912-13	1913-14	1914-15	1915-16	1916-17
Preparatory.....	3,603	3,973	4,884	5,802	5,994
Industrial.....			420	573	1,048
Collegiate.....	1,138	2,135	2,020	1,981	903
All others.....	3,939	3,361	3,537	3,246	3,408
Total, excluding duplicates.....	8,561	9,251	10,170	10,613	11,352
Agriculture.....	1,795	2,200	2,368	2,054	2,054
Household arts.....	5,365	5,487	5,652	5,758	4,118
Industrial arts.....	2,725	2,818	3,024	2,693	2,825

Reduction is due to a more rigid classification.

Bachelor or first degrees, 1916-17.

Courses.	1912-13	1913-14	1914-15	1915-16	1916-17
In agricultural courses.....	1,384	1,903	2,311	2,584	2,803
In mechanical courses.....	1,775	1,959	2,145	2,279	2,404
In home economics.....	318	436	653	754	787
All other courses.....	3,935	4,205	4,362	4,573	5,367
Total.....	7,412	8,503	9,471	10,190	11,361

ADVANCED DEGREES, 1916-17.

	1912-13	1913-14	1914-15	1915-16	1916-17
In agricultural courses.....	165	147	150	220	221
In mechanical courses.....	207	153	205	238	186
In home economics.....	39	17	7	7	9
All other courses.....	672	880	755	825	897
Total.....	1,083	1,197	1,112	1,290	1,313

† Not including institutions exclusively for colored students.

PROPERTY, 1916-17.

There has been an increase of \$13,888,780 in the value of all property held for the benefit of the land-grant colleges, while the total expenditure for building operations during the year was reported at \$10,031,932.

Value of property.

	1912-13	1913-14	1914-15	1915-16	1916-17
Endowment funds.....	\$46,661,022	\$39,966,160	\$61,283,123	\$63,704,947	\$66,367,086
Farm and grounds.....	22,157,858	23,981,085	19,062,872	16,649,798	30,937,913
Buildings.....	47,001,199	51,825,706	65,524,849	72,575,218	65,619,206
Apparatus and machinery.....	14,400,127	16,842,273	18,324,284	18,603,947	22,198,115
Library.....	5,064,596	5,996,787	6,111,783	6,441,133	6,685,956
Live stock.....	1,046,760	1,696,282	1,293,681	1,444,395	1,590,928
Total.....	136,945,562	160,298,353	171,900,507	179,519,438	193,409,218

GIFTS, BUILDINGS, AND IMPROVEMENTS, 1916-17.

University of Arizona.—New central heating plant, \$50,000; president's garage \$1,250; the mining and engineering building to cost \$175,000 was begun.

University of Arkansas.—Brick addition to the library of the college of agriculture, \$1,000.

University of California.—Expenditures on new buildings and additions to buildings—At Berkeley: Aeronautics building, of frame, \$3,400; Jane K. Sather campanile, \$5,903; first wing of the chemistry building, \$144,860; domestic science building, frame, \$2,119; Hilgard Hall, for agricultural departments, \$226,828; power-plant addition, \$78,000; addition to and completion of university library building, \$401,847; storehouse, \$10,122; Wheeler hall for classrooms, \$430,597; total, \$1,303,676. At San Francisco: University hospital building, \$286,489; addition to dentistry building, \$29,941. At Riverside: Laboratory building for the citrus experiment station, \$95,143; director's residence, \$24,052. Grand total, \$1,739,600.

Colorado Agricultural College.—The General Assembly of Colorado provided a joint mill-tax levy for the erection of buildings during a period of 10 years. A building fund is provided that permits definite campus and building planning with assurances that these can be carried out.

Connecticut Agricultural College.—Central heating plant partly completed.

University of Illinois.—Mechanical engineering laboratory reconstructed, \$40,000; the woman's residence hall completed, the first dormitory erected by the university, \$175,000; this building will be occupied until the end of the war by the aviators in training for the United States aviation school.

Purdue University, Indiana.—Biology building completed, \$100,000.

Iowa State College of Agriculture and Mechanic Arts.—Buildings in course of construction will be ready for occupancy in 1917-18. Hospital, \$45,000; dairy barn, \$20,000; dormitory for women, \$60,000; animal husbandry laboratory, \$50,000.

Kansas State Agricultural College.—Stone barn for the department of horticulture, \$2,350.

Michigan Agricultural College.—A new general engineering building, \$168,000, with equipment for same, \$50,000, was completed to replace structure destroyed by fire, March 5, 1916.

University of Missouri.—Improvements to central heating plant, \$22,500; other improvements, \$2,325.75.

Montana State College of Agriculture and Mechanic Arts.—On October 20, 1916, the chemistry building burned; an appropriation of \$50,000 has been made to replace one unit of it, and another appropriation of \$50,000 has been made for a new engineering building.

University of Nevada.—New agricultural building, \$80,000; purchase of a farm, \$3,000.

Cornell University, New York State College of Agriculture.—New sheep barn erected; a new palm and decorative plant greenhouse erected; addition to stock-judging pavilion and forestry building.

Oklahoma Agricultural and Mechanical College.—One seed house on station farm, \$2,200.

Oregon Agricultural College.—The State appropriated \$65,000 toward the construction of a new library building to cost approximately \$115,000; it is under construction, to be completed in 1918. A new hog barn was completed at a cost of \$5,520, and an additional \$4,000 was expended on the forestry building.

Rhode Island State College.—The legislature appropriated \$80,000 for a building for agriculture and home economics; construction will be postponed until after the war.

University of Tennessee.—The legislature has provided a one million dollar bond issue for new buildings, and a one-half mill tax for support; it also provided for the establishment of a new agricultural experiment station in middle Tennessee, in Maury County, near Columbia. Building operations will be postponed because of war conditions in the building trades.

Agricultural and Mechanical College of Texas.—Assembly hall, \$100,000; experiment station building, \$75,000; steam plant, \$75,000; veterinary medicine building, \$100,000; and new dormitory, \$90,000.

Virginia Agricultural and Mechanical College and Polytechnic Institute.—Three new residences costing \$13,600; and additions to shops, \$7,000.

West Virginia University.—In process of construction an agricultural building, and a women's dormitory, to cost \$315,000.

University of Wisconsin.—New construction during 1916-17: New entry to gymnasium, \$3,678; boat and bath house, \$3,511; Camp Randall improvements, \$8,501; women's field house, \$4,426; sprinkler system in chemistry building, \$4,852; soils building, \$25,861; physics building, \$123,886; repairs on agricultural chemistry building, \$1,002; hog serum laboratory, \$2,949; stock and forage barn, \$3,178; heating station, \$3,322; serum plant, \$1,416; Ashland station, \$2,760; Spooner station, \$1,487; music hall, \$13,745; pumping station, \$11,801; improvement of grounds, \$2,793; electrical substation, \$2,949; university farm improvements, \$2,272; all other new construction, \$3,822; total, \$228,241.

INSTITUTIONS FOR COLORED STUDENTS.

State Agricultural and Mechanical College for Negroes, Alabama.—The Mayhew Building, containing the carpentry and machine shops, was destroyed by fire January 17, 1917, and is a total loss. No provision has been made for replacing it.

Southern University and Agricultural and Mechanical College, Louisiana.—A hospital, constructed by the students in the mechanical department, has been completed with a cash outlay of about \$3,000; also a bridge over the lake for \$500. Plans are ready for a dairy, to be built in the same manner with funds available in 1918.

Colored Normal, Industrial, Agricultural, and Mechanical College,¹ South Carolina.—In October, 1916, fire destroyed the chapel and boys' dormitory. The dormitory is being rebuilt with money from fire insurance and some furnished by the State.

Prairie View State Normal and Industrial College, Texas.—The following new buildings are in course of construction: Household arts building, \$50,000; a brick laundry \$15,000; and a dormitory, \$50,000.

INCOME, 1916-17.

In reporting the income of the colleges, the growing importance of both the experimental work and the extension work has made it advisable to separate the items into three distinct groups—funds for instruction and administration, funds for the experiment stations, and funds for the extension service. In Table 9 is given the first of these groups, funds for instruction and administration, and in Table 10 are given the other two groups, together with the grand total income.

¹ Name since changed to State Agricultural and Mechanical College.

AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

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The following tables give the income under the old classifications for the years 1913-1916, inclusive, and the income under the new classification for the year 1916-17.

Income for five years.

Source of income.	Funds for instruction and administration.				
	1913	1914	1915	1916	1917
State funds:					
From endowment granted by the State.	\$131,415	\$479,050	\$104,966	\$135,444	\$180,766
From mill tax levy for support.	3,095,341	4,010,234	3,733,316	3,842,112	6,441,533
From mill tax levy for permanent improvements.	591,924	615,183	624,467	629,419	692,116
From appropriations for support.	6,703,831	9,176,464	10,774,782	11,820,281	10,300,845
From appropriations for permanent improvements.	3,085,249	3,716,834	2,768,576	2,833,204	3,783,702
Total State aid.	14,217,760	17,997,765	18,006,107	19,269,460	21,378,962
United States funds:					
From land-grant fund of 1862.	838,074	845,087	856,838	884,514	930,170
From other land-grant funds.	196,551	264,111	195,239	193,563	241,840
From Morrill-Nelson funds of 1890 and 1907.	2,490,000	2,500,000	2,500,000	2,500,000	2,515,171
Total Federal aid.	3,524,625	3,609,208	3,552,077	3,578,087	3,687,181
College funds:					
From college endowment funds.	966,204	1,151,911	1,216,672	1,144,075	1,399,607
From tuition, fees, board, and lodging.	2,683,960	3,059,358	3,565,771	3,741,429	6,077,868
From departmental earnings.	(*)	(*)	(*)	(*)	2,970,412
From private gifts for support.	(*)	(*)	(*)	(*)	312,034
From private gifts for permanent improvements and endowment.	(*)	(*)	(*)	(*)	901,340
Miscellaneous.	3,558,590	9,090,392	5,621,138	10,541,771	1,113,836
Total college funds.	7,208,754	13,301,261	10,403,581	15,427,275	12,775,117
Total income for instruction and administration.	24,962,139	34,891,224	31,961,765	38,274,822	37,841,260

FUNDS FOR EXPERIMENT STATIONS.

State funds.	\$1,024,455	\$1,068,441	\$1,120,709	\$1,059,018	\$1,568,883
United States funds.	1,359,802	1,347,459	1,360,288	1,362,000	1,369,700
Private gifts.	(*)	(*)	(*)	(*)	242,620
Experiment station earnings.	(*)	(*)	(*)	(*)	1,213,216
Total funds for experiment stations.	2,383,757	2,415,900	2,498,000	2,421,018	4,414,419

FUNDS FOR EXTENSION SERVICE.

State funds, Smith-Lever, and others.	\$722,425	\$1,292,273	\$1,075,035	\$1,364,356	\$2,325,563
United States funds.			491,238	1,113,490	1,411,836
County, city, or association funds.	(*)	(*)	(*)	(*)	696,834
Private gifts and miscellaneous.	(*)	(*)	(*)	(*)	79,686
Total for extension service.	722,425	1,292,273	1,566,243	2,477,816	4,513,718
Grand total income of institutions.	28,068,321	38,599,397	36,027,005	43,173,688	46,799,397

* Receipts from board and lodging included for the first time in 1917.
 * Included in miscellaneous.
 * Not reported.

MORRILL-NEELSON FUND

Funds Appropriated Under Acts of Congress of August 30, 1890, and March 4, 1907.

The total appropriation for the year ending June 30, 1917, from the United States Treasury in aid of colleges of agriculture and the mechanic arts under the provisions of the acts of Congress of August

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30, 1890, and March 4, 1907, was \$2,500,000, each of the 48 States and the two insular possessions receiving \$50,000. In Table 11 are given the details for the year 1916-17. In addition this table shows \$7,132.60 received from bank interest on daily balances during the year in three States and added to the principal. The annual installment has been fixed at \$50,000 to each State since the year 1911-12. The following tables give the amount expended under each schedule and the proportion each year:

Morrill-Nelson funds.

(Acts of Aug. 30, 1890, and Mar. 4, 1907.)

Subjects	1912-13	1913-14	1914-15	1915-16	1916-17
Agriculture.....	\$581,512	\$592,920	\$579,374	\$611,606	\$387,411.01
Mechanic arts.....	667,507	700,140	717,503	694,317	702,838.53
English language.....	235,873	222,811	219,011	211,989	207,928.46
Mathematics.....	229,322	219,057	207,045	197,022	191,002.88
Natural and physical science.....	616,491	600,113	565,881	581,797	581,734.37
Economic science.....	156,379	168,771	170,519	181,813	194,991.44
Training of teachers in special subjects.....	43,537	30,474	33,329	31,777	44,270.49
Total.....	2,532,621	2,531,619	2,501,662	2,516,451	2,518,237.17

Percentage of appropriation expended for instruction in various subjects.

Subjects	1912-13	1913-14	1914-15	1915-16	1916-17
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Agriculture.....	23.3	23.7	23.1	24.4	23.3
Mechanic arts.....	26.3	27.7	28.7	27.5	27.9
English language.....	9.4	8.6	8.8	8.4	8.3
Mathematical science.....	9.1	8.5	8.3	7.8	7.9
Natural and physical science.....	24.6	23.6	22.6	23.1	23.1
Economic science.....	6.2	6.7	7.2	7.4	7.7
Training of teachers in special subjects.....	1.1	1.2	1.2	1.4	1.8

LAND-GRANT FUND OF 1862

Income from Funds Created by the Land-Grant Act of 1862.

Under the act of Congress of July 2, 1862, 10,783,819 acres of public lands have been allotted to the different States; of these, 1,020,696 acres remain unsold. From the sale of these lands permanent funds have been created amounting to \$15,254,899, yielding an income of \$960,009 for the benefit of the colleges. In Table 12 are given the details of income and expenditure for the year 1916-17. The figures below are the totals for the past three years.

Land-grant fund of 1862.

	1914-15	1915-16	1916-17
Principal of fund.....	\$14,400,441	\$15,105,925	\$15,254,899
Income for year.....	904,679	916,151	960,009
Expenditures for year.....	948,381	928,048	931,030

CHANGES IN COURSES AND METHODS OF INSTRUCTION.

Alabama Polytechnic Institute.—The course in veterinary medicine has been changed from three to four years.

Delaware College.—A department of education has been organized.

Purdue University, Indiana.—An engineering experiment station has been organized.

Kansas State Agricultural College.—The calendar has been changed to two semesters and a nine weeks' summer school.

Massachusetts Institute of Technology.—The new course of chemical engineering practice requires the student to study at the institute for three and one-half years, for one year at factories distributed over the country in laboratory methods, and then finally to return to the institute for a year of research and special work, receiving at the end of a five-year period the degree of master of science in chemical engineering. A course in electrical engineering is to be given by the institute and the General Electric Co.; students will transfer from the institute to the General Electric Co. after the second year; each class will be divided into two squads, one at the institute and the other at the General Electric Co.; the squads will interchange places every three months.

Montana State College of Agriculture and Mechanic Arts.—Beginning October 1, 1917, the calendar was changed from two semesters of 18 weeks each to four quarters of 12 weeks each.

North Dakota Agricultural College.—Professional courses for teachers have been established.

Clemson Agricultural College, South Carolina.—New courses in chemical engineering and in general science have been introduced, and the mechanical-electrical engineering course has been divided into two distinct courses—mechanical engineering and electrical engineering.

Agricultural and Mechanical College of Texas.—All preparatory work has been abolished; a school of veterinary medicine has been established.

Virginia Agricultural and Mechanical College.—A four-year course in applied physics, leading to a B. S. degree, has been established; in connection with the University of Virginia and William and Mary College, a four-year teachers' training course in agriculture, designed to fit teachers for vocational schools, has been added.

University of Wyoming.—The home economics courses have been rearranged and a two-year special vocational course added. A four-year course in music has been introduced, leading to the degree of bachelor of music. Solid geometry is no longer a required subject for admission to the college of agriculture.

INSTITUTIONS FOR COLORED STUDENTS.

Branch Normal College, Arkansas.—A year has been added to the normal course; in the last year two periods a day will be taken by boys in agriculture and mechanic arts, by girls in gardening and home economics. A community class in sewing, cooking, and canning was held.

State College for Colored Students, Delaware.—Latin has been dropped from the curriculum and more emphasis placed on the training of teachers for rural schools.

Southern University and Agricultural and Mechanical College, Louisiana.—Through the Louisiana State University 6 demonstration extension agents for negroes have been in the field; beginning September 1 this number was increased to 12; in addition 2 women canning agents were employed; the extension work culminated in a farmers conference at the college.

Princess Anne Academy, Maryland.—Extension work has been inaugurated.

Lincoln Institute, Missouri.—Two years have been added to the normal course, carrying it to include two years of college work beyond the four years of high school.

Prairie View State Normal and Industrial College.—The former general curriculum has been revised and separated into four distinct curricula—normal, household arts, agricultural, and mechanic arts. Several short courses have been added, a two-year course in agriculture and a two-year course in home economics, also 13 vocational or trade courses.

AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

TABLE 1.—Statistics of colleges of agriculture and the mechanic arts endowed by acts of Congress approved July 2, 1862, August 30, 1890, and March 3, 1907, for 1916-17.

Institutions.	President.	Date of opening of institution.	Acres allotted to United States of July 2, 1862, or equivalent act.	Acres of land grant of 1862 still unsold.	Acres of other land grants still unsold.	Acres in farm grounds and unsold.	Acres under cultivation.	Library.	
								Volumes.	Pamphlets.
1	2	3	4	5	6	7	8	9	10
Alabama Polytechnic Institute, Auburn, Ala.	Charles C. Thach, L.L. D.	1872	240,000	0	0	304	90	33,550	5,200
University of Arizona, Tucson, Ariz.	Rufus B. von Klein Smid, Sc. D.	1891	150,000	150,000	387,000	590	365	25,000	15,000
University of Arkansas, Fayetteville, Ark.	John C. Fuhrall, M. A.	1872	150,000	0	0	720	40	20,000	10,000
University of California, Berkeley, Cal.	Benjamin Ide Wheeler, L.L. D.	1869	180,000	1,402	320	770	770	320,000	110,000
University of California, Davis, Cal.	Charles A. Lory, L.L. D.	1879	90,000	45,000	0	1,818	472	20,000	50,000
University of California, Los Angeles, Cal.	Charles L. Beach, R. S.	1881	180,000	0	0	875	215	15,230	3,700
University of California, San Diego, Cal.	Samuel C. Mitchell, Ph. D.	1884	90,000	0	0	277	200	25,900	5,100
University of California, Santa Barbara, Cal.	Albert A. Murphy, Ph. D.	1884	90,000	0	0	404	250	31,308	5,100
University of California, Santa Cruz, Cal.	Andrew M. Soole, Sc. D.	1872	270,000	0	0	987	280	49,300	48,000
University of California, Santa Cruz, Cal.	Arthur I. Dean, Ph. D.	1908	(1)	0	0	91	8	22,915	27,159
University of Idaho, Moscow, Idaho	Ernest H. Lindley, Ph. D.	1892	90,000	62,043	151,917	336	300	33,000	103,027
University of Illinois, Urbana, Ill.	Edmund J. James, L.L. D.	1868	480,000	0	0	1,185	940	408,119	103,027
Purdue University, Lafayette, Ind.	Winthrop E. Stone, L.L. D.	1863	200,000	0	0	1,033	1,000	46,703	5,000
Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa.	Raymond A. Pearson, L.L. D.	1869	240,000	0	0	1,339	1,339	60,300	30,000
Kansas State Agricultural College, Manhattan, Kans.	Henry J. Waters, L.L. D.	1863	90,000	7,688	0	713	550	38,000	21,000
University of Kentucky, Lexington, Ky.	Henry S. Barker, L.L. D.	1866	330,000	0	0	265	200	38,000	3,800
University of Louisiana, Baton Rouge, La.	Thomas D. Boyd, L.L. D.	1890	210,000	0	0	754	375	28,454	1,000
University of Maine, Orono, Me.	Robert I. Wiley, L.L. D.	1868	210,000	0	0	473	175	50,000	1,000
Massachusetts Agricultural College, Amherst, Mass.	Albert F. Woods, B. A., Agr.	1839	210,000	0	0	296	200	17,600	1,000
Massachusetts Institute of Technology, Cambridge, Mass.	Richard L. Matten, L.L. D.	1867	360,000	0	0	570	300	33,000	50,248
Michigan Agricultural College, East Lansing, Mich.	Frank S. Kedzie, D. Sc.	1865	2,000	0	0	1,604	981	123,355	9,133
University of Minnesota, Minneapolis, Minn.	Marion LeRoy Burton, L.L. D.	1881	120,000	60,359	14,874	2,337	600	250,301	58,000
Mississippi Agricultural and Mechanical College, Agricultural College, Miss.	William H. Smith, B. S.	1880	210,000	0	0	2,320	600	35,000	128,000
University of Missouri, Columbia, Mo.	A. Ross Hill, L.L. D.	1841	330,000	47,287	35,933	988	700	211,814	56,600
Montana State College of Agriculture and Mechanic Arts, Bozeman, Mont.	James M. Hamilton, M. S.	1883	140,000	67,214	0	400	400	15,713	3,000
University of Nebraska, Lincoln, Nebr.	Samuel Avery, L.L. D.	1871	90,000	107,066	14,091	369	250	137,050	7,000
University of Nevada, Reno, Nev.	Walter E. Clark, Ph. D.	1874	90,000	0	13	358	263	33,000	15,000

AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

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	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917
New Hampshire College of Agriculture and Mechanic Arts, Durham, N. H.	1864	1864	1864	1864	1864	1864	1864	1864	1864	1864
Rutgers College, New Brunswick, N. J.	1890	1890	1890	1890	1890	1890	1890	1890	1890	1890
State College of Agriculture and Mechanic Arts, Raleigh, N. C.	1868	1868	1868	1868	1868	1868	1868	1868	1868	1868
State College of Agriculture, Ithaca, N. Y.	1893	1893	1893	1893	1893	1893	1893	1893	1893	1893
North Carolina State College of Agriculture and Engineering, West Raleigh, N. C.	1869	1869	1869	1869	1869	1869	1869	1869	1869	1869
North Dakota Agricultural College, Agricultural College, N. Dak.	1891	1891	1891	1891	1891	1891	1891	1891	1891	1891
Ohio State University, Columbus, Ohio.	1873	1873	1873	1873	1873	1873	1873	1873	1873	1873
Oklahoma Agricultural and Mechanical College, Stillwater, Okla.	1891	1891	1891	1891	1891	1891	1891	1891	1891	1891
Oregon Agricultural College, Corvallis, Oreg.	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895
Pennsylvania State College, State College, Pa.	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850
University of Porto Rico, San Juan, P. R.	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903
Rhode Island State College, Kingston, R. I.	1890	1890	1890	1890	1890	1890	1890	1890	1890	1890
Chenoweth State College, Chenoweth College, B. C.	1893	1893	1893	1893	1893	1893	1893	1893	1893	1893
South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak.	1894	1894	1894	1894	1894	1894	1894	1894	1894	1894
University of Tennessee, Knoxville, Tenn.	1879	1879	1879	1879	1879	1879	1879	1879	1879	1879
Agricultural and Mechanical College of Texas, College Station, Texas.	1876	1876	1876	1876	1876	1876	1876	1876	1876	1876
Agricultural College of Utah, Logan, Utah.	1890	1890	1890	1890	1890	1890	1890	1890	1890	1890
University of Vermont and State Agricultural College, Burlington, Vt.	1861	1861	1861	1861	1861	1861	1861	1861	1861	1861
Virginia Agricultural and Mechanical College and Polytechnic Institute, Blacksburg, Va.	1872	1872	1872	1872	1872	1872	1872	1872	1872	1872
State College of Washington, Pullman, Wash.	1892	1892	1892	1892	1892	1892	1892	1892	1892	1892
State College of Washington, Morgantown, W. Va.	1894	1894	1894	1894	1894	1894	1894	1894	1894	1894
University of Wisconsin, Madison, Wis.	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850
University of Wyoming, Laramie, Wyo.	1897	1897	1897	1897	1897	1897	1897	1897	1897	1897
Total	11,070,000	988,160	1,103,390	39,703	19,995	3,012,769	1,432,014			
Institutions for colored students.										
State Agricultural and Mechanical College for Negroes, Normal, Ala.	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875
Branch Normal College, Pine Bluff, Ark.	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875
State College for Colored Students, Dover, Del.	1892	1892	1892	1892	1892	1892	1892	1892	1892	1892
Florida Agricultural and Mechanical College for Negroes, Tallahassee, Fla.	1891	1891	1891	1891	1891	1891	1891	1891	1891	1891
Georgia State College for Negroes, Savannah, Ga.	1891	1891	1891	1891	1891	1891	1891	1891	1891	1891
Kentucky Normal and Industrial Institute for Colored Persons, Frankfort, Ky.	1887	1887	1887	1887	1887	1887	1887	1887	1887	1887

* Hawaii and Porto Rico do not participate in this grant.
 * Federal grant given under Massachusetts Agricultural College and one-third to the Massachusetts Institute of Technology.
 * Total grant to the State given under University of Kentucky.

TABLE 1. Statistics of colleges of agriculture and the mechanic arts endowed by acts of Congress approved July 2, 1862, August 30, 1890, and March 4, 1907, for 1916-17—Continued.

Institutions	President.	Date of opening of institution.	Acres allotted to States under act of July 2, 1862, or equivalent act.	Acres of and grants of land unsold.	Acres of other grants of land unsold.	Acres in farm and grounds.	Acres under cultivation.	Library	
								Volumes.	Pamphlets.
<i>Institutions for colored students—Continued.</i>									
Southern University and Agricultural and Mechanical College, Baton Rouge, La.	J. S. Clark.	1880				500	240	1,370	500
Princess Anne Academy, Princess Anne, Md.	John O. Spencer, LL. D., Baltimore.	1887				118	85	1,870	1,500
Alcorn Agricultural and Mechanical College, Alcorn, Miss.	L. J. Rowan, Ph. D.	1871	(1)			1,000	260	1,000	
Lincoln Institute, Jefferson City, Mo.	Benjamin F. Allen, LL. D.	1880				80	40	4,800	1,210
State Agricultural and Mechanical College, Greensboro, N. C.	James B. Dudley, LL. D.	1894				128	100	2,500	7,000
Colored Agricultural and Normal University, Langston, Okla.	John M. Marquess, A. B.	1897				319	271	500	300
Colored Normal, Industrial, Agricultural, and Mechanical College, Orangeburg, S. C.	Robert S. Wilkinson, Ph. D.	1896	(2)			130	90	500	400
Agricultural and Industrial State Normal School for Negroes, Nashville, Tenn.	William J. Hale.	1913				106	100	1,310	544
Prairie View State Normal and Industrial College, Prairie View, Tex.	I. M. Terrell, A. M., principal.	1879				1,415	365	2,000	500
Hampton Normal and Agricultural Institute, Hampton, Va.		1868	(3)			1,001	735	38,342	10,450
West Virginia Collegiate Institute, Institute, W. Va.	Byrd Prillerman, A. M.	1892				83	40	775	800
Total.			11,040,000	989,150	1,103,360	5,830	2,875	70,047	34,244
Grand total.						45,653	22,861	3,982,810	1,466,858

(1) Total grant to the State given under Mississippi Agricultural and Mechanical College.

(2) Total grant to the State given under Clemson Agricultural College, South Carolina.

(3) Total grant to the State given under Virginia Agricultural and Mechanical College and Polytechnic Institute.

TABLE 2.—Professors, instructors, and station staff in colleges of agriculture and the mechanic arts, 1916-17.

Institutions	In college of agriculture and mechanic arts						In department of agricultural extension						Total in college of agriculture and mechanic arts, excluding duplicates		Total for entire institution, excluding duplicates	
	In preparatory classes or schools			In secondary schools of agriculture			In collegiate and special classes			Giving full time to extension work			Total extension staff		Men	Women
	Men	Women		Men	Women		Men	Women		Men	Women		Men	Women		
Alabama Polytechnic Institute.....	21	3					78	0		12	3	0	25	0	92	3
University of Arizona.....						16	0	0		3	0	1	16	0	25	13
University of Arkansas.....						12	0	0		16	1	1	18	0	48	13
University of California.....						2	2	2		35	1	69	111	4	127	18
Colorado Agricultural College.....						166	17	3		6	2	0	30	2	216	98
Connecticut Agricultural College.....						17	17	24		8	2	0	11	0	82	28
Delaware College.....						20	7	24		1	1	2	0	0	44	9
University of Florida.....						40	7	40		1	1	12	12	0	44	8
Georgia State College of Agriculture.....	6	0				28	0	32		5	1	0	12	0	48	8
College of Hawaii.....						15	4	15		20	2	10	15	4	51	4
University of Idaho.....						46	1	46		6	3	5	10	5	56	4
University of Illinois.....						3	0	3		4	2	10	103	1	127	16
Indiana University.....						205	14	219		24	5	6	63	1	377	24
Kansas College of Agriculture and Mechanic Arts.....						252	70	276		37	10	24	179	1	379	20
Kansas State Agricultural College.....						228	69	229		30	12	7	138	5	264	94
University of Kentucky.....						78	10	78		7	1	1	42	1	117	12
Louisiana State University and Agricultural and Mechanical College.....	3	2				62	11	65		17	6	10	28	2	100	32
University of Maine.....						52	6	58		8	3	3	20	5	89	17
Maryland State College of Agriculture.....	8	0				38	6	44		5	3	1	20	3	94	17
Massachusetts Agricultural College.....						73	1	73		14	3	0	38	0	67	2
Massachusetts Institute of Technology.....						328	3	328		3	30	0	33	0	111	4
Michigan Agricultural College.....						153	24	153		20	5	0	45	3	206	3
University of Minnesota.....						107	6	149		14	6	0	35	3	198	31
Mississippi Agricultural and Mechanical College.....						82	10	82		14	4	4	22	1	122	15
University of Missouri.....						60	5	60		5	6	5	58	2	77	8
Montana State College of Agriculture and Mechanic Arts.....	4	10				38	12	44		8	2	0	24	1	69	17
University of Nebraska.....						47	10	60		12	6	6	27	0	78	32

Secondary and collegiate not segregated.

TABLE 2.—Professors, instructors, and station staff in colleges of agriculture and the mechanic arts, 1916-17—Continued.

Institutions	In college of agriculture and mechanic arts.				In department of agricultural extension.				Total ex- periment station staff.				Total in college of agriculture and me- chanic arts, excluding duplicates.		Total for entire institution, excluding duplicates.			
	In pre- paratory classes or schools.		In second- ary schools of agri- culture.		In colle- gate and special classes.		Total, counting none twice.		Giving full time to exten- sion work.		Giving partime to exten- sion work.		Total ex- periment station staff.		Total in college of agriculture and me- chanic arts, excluding duplicates.		Total for entire institution, excluding duplicates.	
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
University of Nevada.....	10	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
New Hampshire College of Agriculture and Mechanic Arts.....					18	5	18	5	5	3	2	0	15	0	29	10	49	16
Rutgers College, New Jersey.....	10	3	28	0	59	4	59	4	13	8	14	2	8	0	35	10	94	14
New Mexico College of Agriculture and Mechanic Arts.....	13	3			89	0	89	0	11	3	11	0	58	2	157	13	157	13
Cornell University, New York.....					28	2	29	5	5	1	5	0	0	0	39	6	39	6
North Carolina State College of Agriculture and Engineering.....					240	30	240	30	30	4	3	1	47	1	241	31	852	48
New York State College of Agriculture.....					31	8	31	8	2	0	9	0	72	0	124	0	124	0
Ohio State University.....	15	7	28	8	37	8	47	15	7	3	14	6	25	1	84	24	84	24
Oklahoma Agricultural and Mechanical College.....	28	19			417	44	417	44	22	13	14	0	35	0	433	57	467	61
Oregon Agricultural College.....					58	10	68	19	14	5	3		0	0	149	3	39	5
Pennsylvania State College.....	25	14			251	14	251	14	19	3	14	2	32	0	287	17	287	17
Rhode Island State College.....					24	12	32	15	4	1	0		17	0	32	15	32	15
South Carolina College of Agriculture and Mechanic Arts.....					28	7	28	7	0		0		9	2	39	10	39	10
University of Tennessee.....	5	4	28	12	43	10	49	18	8	2	4	0	16	0	71	20	71	20
Agricultural College of Texas.....					48	7	48	7	19	12	6	0	24	2	69	19	224	50
Agricultural College of Utah.....	10	5	14	3	108	0	108	0	46	18	65	3	65	3	219	18	219	18
University of Vermont and State Agricultural College.....					37	12	71	17	9	6	5	0	22	1	80	24	80	24
Virginia Agricultural and Mechanical College and Polytechnic Institute.....					30	2	30	2	5	2	5		17	1	54	5	134	13
State College of Washington.....	2	1			53	0	53	0	13	3	1	0	20	0	37	0	37	0
West Virginia University.....					40	1	42	2	9	6	21	1	24	1	72	9	140	49
University of Wisconsin.....					39	4	39	4	13	4	12	0	43	2	58	6	58	6
University of Wyoming.....	7	2			87	18	87	18	4	4	26	2	34	2	110	22	500	77
Total.....	126	75	374	135	4,531	560	4,697	666	631	205	412	28	1,631	59	5,792	829	8,618	1,282

AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

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Institutions for colored students.

State Agricultural and Mechanical College for Negroes, Alabama
 State Normal College, Arkansas
 State College for Colored Students, Arkansas
 Florida Agricultural and Mechanical College for Negroes
 Georgia State Industrial College
 Kentucky Normal and Industrial Institute for Colored Persons
 Southern University and Agricultural and Mechanical College, Louisiana
 Princess Anne Academy, Maryland
 Auburn Agricultural and Mechanical College, Mississippi
 Lincoln Institute, Missouri
 Negro Agricultural and Technical College, North Carolina
 Colored Agricultural and Normal University, Oklahoma
 Colored Normal Industrial, Agricultural, and Mechanical College, North Carolina
 Agricultural and Industrial State Normal School for Negroes, Tennessee
 Prairie View State Normal and Industrial College, Texas
 Hampton Normal and Agricultural Institute, Virginia
 West Virginia College Institute

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	7	6	8	8	4	1	16	13				16	13	16	13
Industrial classes.	8	8	8	8	8	1	16	13				16	13	16	13
	7	6	8	8	4	1	16	13				16	13	16	13
	2	5	7	6	7	1	16	12				16	12	16	12
	4	2	4	2	2	0	8	4				2	4	4	8
	5	0	10	4	6	0	21	4				21	4	21	4
	0	2	7	3	8	13	15	18				15	18	15	18
	22	0	11	0	16	0	22	0				22	0	22	0
	8	8	4	2	4	0	16	10				16	10	16	10
	4	9	12	2	8	2	23	10				23	10	23	10
	8	7	8	8	0	0	16	15				16	15	16	15
	16	16	7	10	10	4	26	11				26	11	30	17
	61	61	61	61	61	61	61	61				61	61	61	61
	9	3	10	5	5	1	16	10				16	10	16	10
Total	92	56	128	65	159	102	325	209				325	209	329	215
Grand total	218	133			4,680	662	5,022	875	631	205	412	59	6,117	1,038	8,949
															1,497

In college of agriculture and mechanic arts (or similar divisions of the institution).

In college of agriculture and mechanic arts (or similar divisions of the institution).																							
Institutions.	In preparatory classes or schools.		In secondary schools of agriculture and in noncollegiate classes.		In degree courses (including special students in college courses).		In one year college courses.		In graduate courses.		In short or summer courses.		In summer (college) of agriculture and mechanic arts only.		Total, counting none twice.		Enrollment of summer students in all other departments.		Number in all other departments of the institution.		Grand total, omitting duplicates.		
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
Alabama Polytechnic Institute.....					818	16	80	0	16	0				225	323	1,139	339			1,139	339	1,330	330
University of Arizona.....					44	2	2	0			3						3				183	183	
University of Arkansas.....					238	16	20		45	17				241	0	2,135	37			367	369	369	
University of California.....			314		1,253	20								37	29	884	455			4,518	5,338	5,338	
Colorado Agricultural College.....			395	82	133	27								97	37	284	455			2,916	3,618	3,618	
Connecticut Agricultural College.....			69	12	133	0								30	2	80	2			1,998	2,156	2,156	
Dartmouth College.....					276	10			1	0				14	62	241	172			10	488	242	511
University of Florida.....					77	0			5	0				0	0	67	45			172	11	87	
Georgia State College of Agriculture.....			29	0	386	0	15	0	10	0	201	45	0	0	0	115	0			167	372	471	
College of Hawaii.....					51	57			2	9	19			163	12	284	53			34	57	57	
University of Idaho.....			66	5	197	20			135	0				18	3	34	57			347	508	501	
University of Illinois.....					2,216	173								27	27	2,026	178			425	2,603	2,603	
Purdue University, Indiana.....					1,752	1	42	1	87	14	118	17		27	27	2,026	60			249	2,109	2,109	
Iowa State College of Agriculture and Mechanic Arts.....					1,793	591	43	21	82	33				655	228	2,965	973			0	2,965	973	
Kansas State Agricultural College.....			222	100	1,180	816			44	24	433			219	367	2,017	322			0	2,017	322	
University of Kentucky.....			289	133	862	244	27	4	53	9				84	54	801	285			0	2,017	322	
Louisiana State University and Agricultural and Mechanical College.....																							
University of Maine.....	20	41	11	9	403	0	0	8	14	0						474	50			321	289	280	
Maryland State College of Agriculture.....					646	61					24					715	67			93	52	810	
Massachusetts Agricultural College.....	22	0			192	1	35	1	17	0	73	65				319	67			9	179	2	
Massachusetts Institute of Technology.....					1,076	27					100	8				723	180			1	79	1	
											45	0				1,864	16					1,864	

AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

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Michigan Agricultural College	761	277	1,162	359	24	2	265	11	106	60	1,553	400	13	0	1,571	400
University of Minnesota	80	385	1,942	332	51	3	238	1,007	96	31	2,088	1,650	255	461	3,942	5,933
Mississippi Agricultural and Mechanical College	17	172	59	23	38	4	197	7	99	7	671	42	518	722	2,106	1,420
University of Missouri	531	239	310	282	23	0	277	0	11	60	431	236	341	408	1,512	2,800
Montana State College of Agriculture and Mechanical Arts	65	1	128	0	3	0	6	0	0	1	200	1	12	111	1	431
University of Nebraska	170	33	510	0	2	0	120	20	172	433	1,000	507	321	144	621	2,264
University of Nevada	86	35	11	74	29	0	12	8	174	72	1,000	507	321	144	621	2,264
New Hampshire College of Agriculture and Mechanical Arts	80	57	188	22	97	0	62	14	0	742	0	77	0	0	819	8
Rutgers College, New Jersey	213	152	100	88	443	206	1	82	3	844	450	166	357	1,032	4,586	1,632
University of Tennessee	270	189	43	50	174	0	1,002	608	201	903	1,994	613	144	223	560	2,394
University of Texas	45	26	204	61	234	142	0	57	0	23	302	29	324	1,015	523	1,227
University of Vermont and State Agricultural College	487	0	749	0	284	187	113	74	22	7	418	248	67	178	0	1,767
Virginia Agricultural and Mechanical College and Polytechnic Institute	620	679	517	3	24	1	153	46	61	13	1,287	740	456	60	38	730
State College of Washington	1,063	282	102	2	117	20	473	3	412	139	1,883	58	26	107	196	779
West Virginia University	531	4,842	1,727	33,006	5,600	1,120	121	1,291	213	5,765	2,074	4,132	8,275	46,753	13,220	7,090
University of Wisconsin	929	531	4,842	1,727	33,006	5,600	1,120	121	1,291	213	5,765	2,074	4,132	8,275	46,753	13,220
University of Wyoming	929	531	4,842	1,727	33,006	5,600	1,120	121	1,291	213	5,765	2,074	4,132	8,275	46,753	13,220
Total	929	531	4,842	1,727	33,006	5,600	1,120	121	1,291	213	5,765	2,074	4,132	8,275	46,753	13,220

TABLE 3.—Students in colleges of agriculture and the mechanic arts, 1916-17—Continued.

Institutions.	In college of agriculture and mechanic arts (or similar divisions of the institution).										Enroll-ment of summer school students in all other depart-ments.		Number in all other departments of the insti-tution.		Grand total enrollment, excluding duplicates.				
	In pre-terinary classes or schools.		In sec-ondary schools of agri-culture and in noncol-lege classes.		In de-gree courses (or special stu-dents in college courses).		In one or two year col-lege courses.		In grad-uate courses.		In short or summer courses.		In sum-mer schools (college of agri-culture and mechanic arts only).		Total count-ing none twice.		Men.	Women.	
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.			
<i>Institutions for colored students.</i>																			
State Agricultural and Mechanical College for Negroes, Alabama.	157	171	6	14	8	6					11	20	3	32	185	245	185	245	
Branch Normal College, Arkansas.	143	202	10	20	0	2							28	163	181	389	181	389	
State College for Colored Students, Delaware.	19	8			34	28							3	17	56	53	56	53	
Florida Agricultural and Mechanical College for Negroes.	85	107	31	35	37	16							6	105	159	263	159	263	
Georgia State Industrial Institute for Colored Persons.	343	112			50	12									393	124	393	124	
Mechanical College, Louisiana.	48	55			48	108					1	25	13	33	110	221	110	221	
State University and Agricultural and Mechanical College, Louisiana.	259	277			17	53			1	0	162	78	21	143	460	551	460	551	
Princess Anne Academy, Maryland.	47	68											6	22	53	90	53	90	
Alcorn Agricultural and Mechanical College, Mississippi.	85	31	190	101	124	28									399	160	399	160	
Lincoln Institute, Missouri.	166	166			17	34									183	200	183	200	
Negro Agricultural and Technical College, North Carolina.	175	0			50	0					14	0	31	222	270	222	270	222	
Colored Agricultural and Normal University, Oklahoma.	166	278			20	45							40	199	226	522	226	522	
Colored Normal, Industrial, Agricultural, and Mechanical College, North Carolina.	271	314	21	24	46	44							19	274	357	656	357	656	

Agricultural and Industrial State Normal	195	308	11	31	2	0	114	530	320	889	320	889
School for Negroes, Texas	345	635					244	406	599	1,041	599	1,041
Prairie View State Normal and Industrial	230	185					51	407	631	761	631	761
Hampton Normal and Agricultural Insti-	144	198	14	61					175	228	175	228
tute, Virginia												
West Virginia Collegiate Institute												
Total	2,878	3,115	622	426	3	0	188	123	579	2,585	4,757	6,595
Grand total	3,807	3,600	33,490	6,044	1,120	121	1,204	213	5,943	2,197	4,757	6,595
											16,434	27,578
											19,815	7,000
											12,656	12,656
											86,043	47,302

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AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

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	310	58	12	6	68	94	113	43	5	15	21	292	3	1,007	1,007
University of Nebraska.....	310	58	12	6	68	94	113	43	5	15	21	292	3	1,007	1,007
University of Nevada.....	58				17	17	17							174	174
New Hampshire College of Agriculture and Mechanic Arts.....	75	12	6		27	22	59	22	57			64	45	200	441
Rutgers College, New Jersey.....	55				17	22	59	22						125	331
New Mexico College of Agriculture and Mechanic Arts.....	41				6	4	11							125	1,807
Cornell University, New York.....	1,565				157	955	499				108			1,807	1,807
North Carolina State College of Agriculture and Engineering.....	249				68	69	89							500	400
North Dakota Agricultural College.....	67				16	13	9							252	252
Ohio State University.....	644				126	175	107	40	177					1,928	1,928
Oklahoma Agricultural and Mechanical College.....	142				12	12	23							400	62
Oregon Agricultural College.....	534				84	73	78	95						942	942
Pennsylvania State College.....	244				104	79	177	111	25					1,142	1,142
University of Porto Rico.....	20				4	9	6							311	311
Rhode Island State College.....	70				17	21	27							297	297
Chesapeake Agricultural College, South Carolina.....	446				87	25	(1)							831	831
South Dakota State College of Agriculture and Mechanic Arts.....	114				8	12	23							368	368
University of Tennessee.....	204				10	7	22							306	306
Agricultural and Mechanical College of Texas.....	354				9	63	101	124	29					1,242	950
University of Utah.....	303													90	254
University of Vermont and State Agricultural College.....	89				25	29	32							77	238
Virginia Agricultural and Mechanical College and Polytechnic Institute.....	137				81	31	135	10	9					445	130
State College of Washington.....	287				35	35	53	72	19					686	49
West Virginia University.....	186				37	55	72	13	4					380	22
University of Wisconsin.....	428				107	77	139	13	63					1,793	1,793
University of Wyoming.....	31				10	6	5	3						1,132	3
Total.....	14,348	941	347	773	4,417	2,822	3,256	871	1,505	46	79	107	2,165	8,959	33,704

* Three-year course.
 * Included in agriculture.
 * Included in mechanical engineering.
 * Included in chemical engineering.
 * Course not organized until 1917.
 * Instruction in military science and tactics not offered.
 * Included in horticulture.
 * Five-year course.
 * Included in agriculture and general science.
 * Sixty-four in first 2 years of the 4-year curriculum, 89 in 3-year curriculum.

TABLE 5.—Students in various courses in colleges of agriculture and the mechanic arts for the colored race, 1916-17.

Institutions.	Agriculture.	Carpentry.	Machine shop.	Blacksmithing.	Shoemaking.	Room making.	Whealwrighting.	Bricklaying.	Painting.	Printing.	Harness making.	Tailoring.	Plastering.	Sewing.	Cooking.	Laundrying.	Nursing.	Millinery.	Military drill.
State Agricultural and Mechanical College for Negroes, Alabama.	127	10	6	7	5	0	7	6	2	8	0	8	6	63	60	20	3	0	82
Branch Normal College, Arkansas.	38	55	7	42	0	0	0	0	0	0	0	0	0	0	130	77	2	19	0
State College for Colored Students, Delaware.	6	10	4	5	0	0	0	0	0	0	0	0	0	0	16	12	0	0	50
Florida Agricultural and Mechanical College for Negroes, Florida.	188	14	13	8	8	1	10	0	13	14	0	22	0	132	132	5	67	23	0
Kentucky State Industrial College, Kentucky.	41	42	0	41	81	0	0	0	12	0	0	74	0	43	43	6	0	0	0
Kentucky Normal and Industrial Institute for Colored Persons, Kentucky.	141	32	20	0	0	0	0	0	10	18	0	0	0	160	133	4	0	10	103
Southern University and Agricultural and Mechanical College, Louisiana.	80	31	8	14	0	25	14	28	0	5	0	0	0	137	124	20	20	0	0
Pratt Institute, Maryland.	10	12	0	13	0	0	1	0	0	0	0	0	0	32	6	16	0	0	0
Albany Agricultural and Mechanical College, Mississippi.	226	65	0	61	50	0	61	0	13	0	50	0	0	91	53	55	12	0	0
Missouri Institute, Missouri.	32	45	36	35	18	0	0	14	0	0	0	34	14	117	78	0	0	0	0
North Carolina Agricultural and Technical College, North Carolina.	102	55	47	60	0	10	0	52	0	0	0	0	0	0	0	0	0	0	70
Central Agricultural and Normal University, Oklahoma.	259	11	0	9	0	0	0	0	0	0	0	0	0	239	239	0	0	2	0
Central Normal Industrial, Agricultural, and Mechanical College, South Carolina.	22	51	51	41	48	0	28	66	28	10	48	42	66	186	156	250	12	0	499
Industrial and Agricultural State Normal School for Negroes, Tennessee.	382	43	0	5	0	0	0	27	22	0	0	0	0	168	73	0	0	0	0
Franklin State Normal and Industrial College, Texas.	58	70	11	35	26	48	35	0	0	30	0	0	0	209	180	130	0	18	0
Washington Normal and Agricultural Institute, Virginia.	243	45	19	14	4	0	6	31	8	11	0	23	0	166	168	84	0	0	0
West Virginia College Institute.	20	50	0	20	0	0	0	18	17	23	0	0	18	175	140	0	0	0	137
Total.	2,064	641	224	410	230	83	164	322	125	136	124	274	132	2,115	1,417	723	116	70	1,415

* Included in bricklaying.

TABLE 6.—Number of degrees conferred by colleges of agriculture and the mechanic arts, 1916-17.

Institutions.	Undergraduate courses.						Graduate courses.													
	Agricultural courses.		Mechanical courses.		Home economics.		All other courses.		Total.		Agricultural courses.		Mechanical courses.		Home economics.		All other courses.		Total.	
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Alabama Polytechnic Institute.....	44	0	51	0	0	0	44	4	139	4	1	0	7	0	0	0	3	0	11	0
University of Arkansas.....	8	0	2	0	0	2	15	0	25	2	0	1	0	0	0	0	2	1	2	0
University of Arizona.....	11	0	0	0	0	6	36	18	47	24	0	0	0	0	0	0	3	0	3	0
University of California.....	102	2	103	0	0	0	407	352	612	354	11	2	5	0	0	0	96	79	112	81
Colorado Agricultural College.....	27	0	16	0	0	36	18	4	61	40	0	0	0	0	0	0	0	0	0	0
Connecticut Agricultural College.....	24	0	0	0	0	0	5	0	24	0	0	0	0	0	0	0	0	0	0	0
Delaware College.....	9	0	8	0	0	0	22	0	39	0	1	0	0	0	0	0	3	0	4	0
University of Florida.....	16	0	1	0	0	0	17	0	34	0	1	0	0	0	0	0	0	0	1	0
Georgia State College of Agriculture.....	19	0	2	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
College of Hawaii.....	18	2	7	0	0	0	26	14	51	19	1	0	0	0	0	0	0	0	1	0
University of Illinois.....	189	4	210	1	0	85	372	128	771	218	26	0	27	0	4	98	32	150	36	0
Purdue University.....	128	0	172	9	0	0	34	45	334	45	4	0	21	0	0	6	2	31	22	0
Iowa State College of Agriculture and Mechanic Arts.....	175	0	132	0	0	0	0	11	307	102	31	0	9	0	0	0	17	2	57	2
Kansas State Agricultural College.....	77	0	28	0	0	105	23	8	128	113	6	0	6	0	0	0	5	0	10	1
University of Kentucky.....	36	1	18	19	0	4	57	1	111	25	0	0	5	1	0	0	5	0	10	1
Louisiana State University and Agricultural and Mechanical College.....	24	0	19	0	0	0	49	27	92	27	1	0	0	0	0	0	5	5	6	0
University of Maine.....	32	0	56	1	0	8	7	0	95	9	2	0	2	0	0	0	1	0	4	0
Maryland State College of Agriculture.....	16	0	9	0	0	0	6	0	31	0	8	0	0	0	0	0	1	0	1	0
Massachusetts Agricultural College.....	103	1	329	1	0	0	0	0	103	1	8	0	39	0	0	0	0	0	5	0
Massachusetts Institute of Technology.....	139	0	45	0	0	52	7	0	211	52	12	0	0	0	0	0	39	0	39	0
Michigan Agricultural College.....	4	0	1	0	0	55	369	213	624	268	11	0	1	0	0	0	51	27	12	0
University of Minnesota.....	92	0	38	0	0	0	16	0	146	0	2	0	1	0	0	0	1	0	63	27
University of Missouri.....	97	7	0	0	0	0	255	108	347	115	0	0	0	0	0	0	49	14	49	14
Montana State College of Agriculture and Mechanic Arts.....	18	0	13	0	0	8	6	0	37	13	2	0	2	0	0	0	2	0	2	0
University of Nebraska.....	44	0	36	0	0	31	170	147	250	178	2	0	0	0	0	0	25	14	27	0
University of Nevada.....	3	0	0	0	0	0	15	20	18	21	0	0	0	0	0	0	0	0	0	0

TABLE 6.—Number of degrees conferred by colleges of agriculture and the mechanic arts, 1916-17—Continued.

Institutions.	Undergraduate courses.								Graduate courses.							
	Agricultural courses.		Mechanical courses.		Home economics.		All other courses.		Total.		Agricultural courses.		Mechanical courses.		Home economics.	
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
New Hampshire College of Agriculture and Mechanic Arts.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Eastern College, New Jersey.	18	0	7	0	0	0	33	12	58	25	1	0	0	0	0	0
New Mexico College of Agriculture and Mechanic Arts.	16	0	31	0	0	0	30	0	77	0	7	0	0	0	2	0
Cornell University, New York.	266	50	167	0	0	2	411	78	844	126	22	0	4	0	68	15
North Carolina State College of Agriculture and Engineering.	35	0	8	0	0	0	37	0	80	0	6	0	0	0	1	0
Ohio State University.	151	0	2	0	0	0	15	3	30	18	0	0	0	0	0	0
Oklahoma Agricultural and Mechanical College.	30	0	117	0	0	0	32	123	645	272	0	0	0	0	91	15
Oregon State College.	76	1	63	0	0	0	23	22	161	94	8	0	1	0	3	0
University of Puerto Rico.	156	0	197	0	0	0	72	22	11	387	10	0	24	0	0	0
Rhode Island State College.	1	0	9	0	0	0	34	6	10	0	0	0	0	0	6	34
Commonwealth College, South Carolina.	10	0	20	0	0	0	5	0	35	2	0	0	0	0	1	0
South Dakota State College of Agriculture and Mechanic Arts.	56	0	46	0	0	0	8	0	110	0	0	0	0	0	0	0
University of Tennessee.	22	0	9	0	0	0	2	5	30	19	1	0	0	0	2	0
Agricultural and Mechanical College of Texas.	32	0	9	0	0	0	96	22	137	22	1	0	1	0	1	3
Agricultural College of Utah.	75	0	60	0	0	0	135	0	191	0	0	0	0	0	0	0
University of Vermont and State Agricultural College.	32	0	9	0	0	0	21	1	62	19	1	0	0	0	1	0
Vermont Agricultural and Mechanical College and Polytechnic Institute.	19	0	13	0	0	0	57	25	89	32	0	0	0	0	3	0
State College of Washington.	24	0	38	0	0	0	6	0	68	0	0	0	11	0	0	0
West Virginia University.	40	0	15	0	0	0	33	24	88	39	5	0	2	0	5	3
University of Wisconsin.	18	1	125	0	0	0	62	26	92	28	33	1	17	0	86	40
University of Wyoming.	108	1	155	0	0	0	354	251	597	287	33	1	0	0	5	1
University of Wyoming.	4	0	3	0	0	0	6	12	19	12	0	0	0	0	0	0
Total.	2,733	70	2,382	22	787	3,015	1,752	8,780	2,631	217	4	185	1	9	635	283
																277

TABLE 7.—Value of property of colleges of agriculture and the mechanic arts, 1916-17.

Institutions.	Land- and fund of 1862.	Other land grant funds.	Other permanent funds.	Unsold land grants of 1862.	Other insolvent land grants.	Farm and buildings.	Apparatus and machinery.	Library.	Live stock.	Total.
Alabama Polytechnic Institute.	\$254,500		\$10,500	\$450,000	\$1,750,000	\$30,000	\$510,000	\$100,000	89,650	\$889,150
University of Arkansas	132,667					110,000	450,000	125,000	1,000	2,907,000
University of California	722,485	\$74,902	4,063,939	11,869	800	75,000	300,000	53,000	1,000	1,644,716
Colorado Agricultural College.	194,444			400,000		10,870,680	(31)	2,363,752	59,153	19,017,230
Concurrent Agricultural College.	135,000		1,000			470,000	408,955	199,689	27,900	1,813,824
Delaware College.	85,000		286,000			35,000	620,000	108,000	25,000	946,000
University of Florida.	153,500					400,000	819,000	154,628	20,000	1,815,099
Georgia State College of Agriculture	212,202		20,000			185,000	420,000	65,000	6,000	1,857,500
College of Hawaii	(1)	568,010		\$625,430	\$1,519,170	157,926	70,697	84,144	19,870	1,644,716
University of Idaho	507,458					1,024,247	536,212	74,115	4,437	2,929,037
University of Illinois.	549,013					1,400,000	1,400,000	3,416,243	200,674	4,206,674
Purdue University, Indiana	340,000		105,593			200,000	1,600,000	803,277	96,505	7,165,117
Iowa State College of Agriculture and Mechanic Arts.	689,530		2,000	38,430		209,795	2,758,358	803,277	73,119	2,786,633
Kansas State Agricultural College	491,747		40,000			207,749	574,835	427,661	166,150	4,717,379
University of Kentucky	155,000					177,312	573,790	223,158	5,000	2,471,454
University of Louisiana	182,313	130,000				17,312	573,790	171,443	49,000	1,220,688
University of Maine	118,300		133,750			12,056	42,900	82,013	11,492	5,311,879
Maryland State College of Agriculture	115,944					40,000	515,000	10,000	10,000	725,844
Massachusetts Agricultural College	146,000		142,000			93,419	997,872	425,732	27,165	1,921,488
Massachusetts Institute of Technology.	73,000					2,532,867	5,308,423	2,117,378	50,000	18,153,398
Michigan Agricultural College	991,241		131,700	285,000		160,000	975,000	785,783	50,000	2,740,241
University of Minnesota	616,454	1,174,454			90,000	2,684,166	6,051,463	1,189,623	79,079	12,602,765
Mississippi Agricultural and Mechanical College	98,575	141,213				137,520	730,272	54,535	79,079	1,709,756
University of Missouri.	305,881	222,000	721,458	169,148		801,385	1,987,470	425,200	66,205	5,491,012
Montana State College of Agriculture and Mechanic Arts.	542,572			672,140	359,330	79,330	280,500	191,455	29,000	2,191,017
University of Nebraska.	585,232	246,896		951,639	98,638	1,632,341	324,594	247,800	47,807	4,314,713
University of Nevada.	107,507	46,637	150,000	75,366	16	291,290	274,978	34,688	32,846	1,265,700
New Hampshire College of Agriculture and Mechanic Arts.	80,000		670,000			44,000	520,000	37,000	10,000	1,648,000
Regis College, New Jersey	116,000		868,456			471,000	1,000,412	86,900	20,000	2,751,868
New Mexico College of Agriculture and Mechanic Arts.				241,900		40,740	170,000	150,201	6,851	652,404

* Estimated at the minimum price of \$10 per acre.
 * Included in apparatus and machinery.
 * Included in farm and grounds.
 * Hawaii and Porto Rico do not participate in this grant.

TABLE 7.—Value of property of colleges of agriculture and the mechanic arts, 1916-17—Continued.

Institutions.	Land- grant fund of 1862.	Other land- grant funds.	Other permanent funds.	Unsold land grant of 1862.	Other unsold land grants.	Farm and grounds.	Build- ings.	Apparatus and machinery.	Library.	Live stock.	Total.
I	2	3	4	5	6	7	8	9	10	11	12
Cornell University, New York.....	\$680,576		\$13,798,551			\$358,440	\$6,532,912	\$1,789,687	\$853,816	(1)	\$24,021,862
North Carolina State College of Agriculture and Engineering.....	125,000					108,310	643,535	305,115	26,643	\$10,000	1,218,603
North Dakota Agricultural College.....	1,263,147			\$501,708		95,000	505,000	180,000	33,280	30,000	2,688,195
Ohio State University.....	594,177	\$265,481	292,300			1,855,440	2,817,701	1,209,850	392,403	20,000	7,318,328
Oklahoma Agricultural and Mechanical College.....				100,000	\$100,000	60,000	531,767	288,816	48,000	35,000	1,417,575
Oregon Agricultural College.....	202,664					438,715	877,980	251,525	116,011	45,475	1,641,378
University of California.....	500,000	17,000	101,795			88,107	1,939,681	632,076	102,500	40,379	3,421,508
Rhode Island State College.....	(2)		10,412			38,053	135,867	70,750	47,349	6,262	308,683
Chesam Agricultural College, South Carolina.....	50,000					14,853	324,450	105,659	40,341	3,600	538,835
South Carolina State College of Agriculture and Mechanic Arts.....	95,900		58,539			118,600	794,065	370,834	31,461	32,403	1,471,902
University of Tennessee.....	391,647	(2)		\$1,410,767		70,000	450,000	57,000	21,000	15,000	2,415,414
Agricultural and Mechanical College of Texas.....	400,000		5,000			749,300	455,350	187,744	67,000	35,250	1,899,244
University of Utah.....	209,000					149,065	1,503,623	290,725	26,453	49,577	2,800,485
University of Vermont and State Agriculture College.....	135,000	100,000	828,525			\$21,200	563,700	170,912	21,853	17,115	2,586,247
Virginia Agricultural and Mechanical College and Polytechnic Institute.....	344,312					75,000	1,150,000	122,722	183,800	9,500	
State College of Washington.....	349,627	416,895		1,557,305	1,479,806	80,000	613,000	178,000	26,000	(1)	1,241,312
West Virginia University.....	115,104					123,799	1,276,822	247,755	51,020	23,580	5,536,690
University of Wisconsin.....	302,459	232,529	163,315	120	790	300,000	270,000	233,068	48,000	30,000	1,026,190
University of Wyoming.....	54,725	45,968		746,954	340,150	110,000	4,367,352	1,000,027	567,685	56,358	8,827,911
Total	14,678,917	3,031,065	31,394,823	7,316,326	5,778,700	30,351,685	62,828,416	21,972,836	6,650,186	1,513,072	185,302,028
Institutions for colored students.											
State Agricultural and Mechanical College for Negroes, Alabama.....											
Branch Normal College, Arkansas.....						35,000	133,300	28,000	6,750	750	203,800
State College for Colored Students, Delaware.....						60,000	28,500	23,696	3,350	1,000	116,546
Fiske Agricultural and Mechanical College for Negroes.....						10,000	28,000	1,500	200	2,900	42,600
Georgia State Industrial College.....						18,750	89,050	18,550	1,440	3,750	130,540
Kentucky Normal and Industrial Institute for Col- ored Persons.....						9,000	87,000	25,000	1,000		122,000
						34,000	10,000	8,972	300	5,555	138,757

Southern University, Agricultural and Mechanical College, Louisiana		24,750	77,170	9,349	449	4,615
Princess Anne Academy, Maryland		6,000	30,500	5,500	2,102	2,200
Albion Agricultural and Mechanical College, Mississippi	113,575					46,362
Lincoln Institute, Missouri	98,000	10,000	225,000	25,000	1,900	9,500
Nebraska Agricultural and Technical College, North Platte		50,000	145,000	25,500	5,500	228,000
Colored Agricultural and Normal University, Oklahoma		35,000	80,000	17,000	5,100	4,425
Colored Normal, Industrial, Agricultural, and Mechanical College, South Carolina	85,900	16,000	150,000	15,000	525	4,313
Agricultural and Industrial State Normal School for Negroes, Tennessee		40,000	232,000	16,340	500	890,540
Pacific Year State Normal and Industrial College, Hawaii		50,028	94,831	15,329	1,071	4,832
Hampton Normal and Agricultural Institute, Virginia	172,156	53,050	206,226	500	5,000	9,000
West Virginia College State Institute		125,000	950,000	190,000	13,079	26,000
		12,500	145,125	101,154	1,893	4,583,925
Total	381,631	586,228	2,790,792	625,279	49,770	86,856
Grand total	15,080,548	3,729,065	7,316,326	55,619,208	22,198,115	6,685,968
				30,837,913	1,589,928	193,408,218

* Land grants not separated, total of all.

³ Land grants not separated, to
⁴ See University of Kentucky.

1: Included in apparatus and machinery.
2: Hawaii and Porto Rico do not participate in this grant.

1: Included in apparatus and machinery.
2: Hawaii and Porto Rico do not participate in this grant.

TABLE 8.—Value of additions during the year to equipment of colleges of agriculture and the mechanic arts, 1916-17.

Institutions	Perma- nent en- dowment	Buildings	Library	Apparatus	Machinery	Li- cense	Mis- cell- aneous	Total
Alabama Polytechnic Institute.....		\$250	\$380	\$850	\$350	\$275	\$800	\$2,885
University of Arizona.....		975	3,063	7,011	340		1,559	13,568
University of Arkansas.....		1,730,901	32,459	67,800	(1)	1,965		4,216
University of California.....	\$123,800	1,730,901	32,459	67,800	(1)	1,965	205,227	2,179,727
Colorado Agricultural College.....		12,694	1,400	2,998	3,142			20,234
Connecticut Agricultural College.....		65,648	1,433	4,254	3,882			72,743
Delaware College.....		\$41,000	3,000	2,629	1,200			52,829
University of Florida.....		800	1,636	15,472	1,150	2,560	350	20,617
University of Georgia.....		6,885	5,009	3,907	5,152			20,953
University of Idaho.....		981,358	176,648	246,703	(1)	3,053	3,281	1,404,707
Iowa State College of Agriculture and Mechanic Arts.....	105,583	100,000	4,500	12,000	3,300	2,000		227,383
Kansas State Agricultural College.....	3,462	1,000	2,400	32,782	(1)	6,884	75,767	289,176
University of Kentucky.....		12,350	1,000	29,900	400	27,363	61,389	139,343
Louisiana State University and Agricultural and Mechanical College.....	400	573	1,268	7,800	708		2,500	11,921
University of Maine.....		9,273	4,656	1,435	(1)	728		16,044
Maryland State College of Agriculture.....		315,040	2,000	25,000	10,000	10,000	5,000	367,040
Massachusetts Agricultural College.....		56,801	5,955		20,838			83,594
Massachusetts Institute of Technology.....	973,507	3,732,477						4,705,984
Michigan Agricultural College.....		200,000	2,000	15,000	26,000	8,000		251,000
Minnesota Agricultural and Mechanical College.....	90,584	122,131	35,783	31,300	5,442	6,350	19,682	311,472
University of Missouri.....	2,000	8,870	3,211	14,006	5,565	21,784	18,421	71,877
Montana State College of Agriculture and Mechanic Arts.....	29,236	32,971	21,181	59,000	(1)	19,333		134,485
University of Nebraska.....	29,117	302,491	12,000	6,932	9,391	6,207	8,011	33,735
New Hampshire College of Agriculture and Mechanic Arts.....		80,000	35	842	1,082	21,510	1,094	374,689
Rutgers College, New Jersey.....	102,068	16,500	5,000	3,600				127,168
Cornell University, New York.....	180,654	225,142	5,000	85,744	(1)	(1)	3,250	479,894
North Carolina State College of Agriculture and Engineering.....		3,394	1,694	3,341	5,443	1,106	2,250	15,399
North Dakota Agricultural College.....	12,249	172,010	2,112	74,307	29,201	2,811	6,305	321,241
Ohio State University.....		1,874	1,160	4,482	3,036	3,281	10,877	24,710
Oklahoma Agricultural and Mechanical College.....		9,520	1,000	10,177	(1)	8,000		22,892
Puerto Rico Agricultural College.....	207	744		4,212	3,082	(1)	1,861	10,128
University of Porto Rico.....								

AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

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Rhode Island State College.	341	1,200	276	2,425	4,242
Clemson Agricultural College, South Carolina.	490	4,858	(1)	600	15,804
South Dakota State College of Agriculture and Mechanic Arts	2,200	2,510	1,412	696	2,100
University of Tennessee.	281,225	79,207	1,412	3,263	10,870
Agricultural and Mechanical College of Texas.	3,175	2,549	1,622	3,395	360,532
University of Vermont and State Agricultural College.	3,600	2,729	(1)	2,476	11,568
Utah State Agricultural College.	1,575	4,364	4,086	1,430	8,668
State College of Washington.	5,000	16,500	(1)	17,500	22,152
West Virginia University.	228,234	38,421	9,744	6,450	49,000
University of Wisconsin.	18,646	5,040	1,680	2,658	352,615
University of Wyoming.	439,697	980,979	157,592	203,907	64,229
Total.	1,770,475	9,663,735	157,592	492,710	13,738,185
<i>Institutions for colored students.</i>					
State Agricultural and Mechanical College for Negroes, Alabama.	12	52	800	340	1,204
Branch Normal College, Arkansas.	30	195	350	435	1,225
State College for Colored Students, Delaware.	42	130	350	1,100	1,350
Florida Agricultural and Mechanical College for Negroes.	100	174	3,086	1,300	588
Georgia State Industrial College.	50	300	2,000	100	15,900
Kentucky State Normal and Industrial Institute for Colored Persons.	11,300	174	3,086	1,300	4,724
Southern University and Agricultural and Mechanical College, Louisiana.	1,374	300	2,000	100	5,148
Princess Anne Academy, Maryland.	100	150	200	2,048	450
Lincoln Institute, Missouri.	60,000	200	250	2,334	90,900
Negro Agricultural and Technical College, North Carolina.	115,000	200	1,003	3,000	3,641
Colored Agricultural and Normal University, Oklahoma.	150,623	1,320	10,000	4,505	128,859
Colored Normal, Industrial, Agricultural, and Mechanical College, South Carolina.	201,301	200	(1)	1,785	480,500
Agricultural and Industrial State Normal School for Negroes, Tennessee.	201,301	200	17,461	1,800	1,700
Frazer View State Normal and Industrial College, Texas.	338,197	2,340	7,003	83,809	654,349
Emory Normal and Agricultural Institute, Virginia.	10,081,932	441,066	175,053	211,000	570,649
West Virginia College Institute.	201,301	200	17,461	1,800	1,700
Total.	1,971,776	10,081,932	175,053	570,649	14,304,534
Grand total.	3,742,251	19,745,667	332,645	1,063,359	28,042,719

* Decrease of \$1,211.50.

† Included with apparatus.

TABLE 9.—Income of colleges of agriculture and the mechanic arts, in 1916-17, for instruction and administration.

Institutions.	State funds.					United States funds.					From private gifts for permanent improvement and endowment.	From private gifts for permanent improvement and endowment.	Miscellaneous.	Total income, excluding extension and experiment station.	
	From endowment grant by the State.	From mill-tax levy for support.	From mill-tax levy for permanent improvement.	From appropriations for support.	From appropriations for permanent improvement.	From land grant fund of 1862.	From other land grants.	Morrill-Nelson funds of 1890 and 1907.	From college endowment funds.	From tuition, fees, board and lodging.					From departmental earnings.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Alabama Polytechnic Institute.	\$1,160	\$12,710		\$40,800	\$75,000	\$20,250		\$27,900	\$430	\$16,107	\$4,454		\$160,000	\$21,265	\$140,222
University of Arizona.				137,342		5,200		50,000		25,531				3,176	464,254
University of Arkansas.				110,223		4,200		36,364	17	24,420	12,533			1,176	187,252
University of California.	50,949			1,640,437	1,385,470	42,538	\$4,123	50,000	122,785	254,036	214,609	\$70,541	155,461	61,270	3,988,292
Colorado Agricultural College.		126,631				23,362		50,000		21,367				27,377	249,737
Connecticut Agricultural College.				40,000	65,618	6,750		50,000	20,879	51,808	86,726				300,833
Dakota State College.				107,653	1,111	4,950	2,064	40,000	7,630	35,066	35,216			2,619	124,076
University of Florida.				60,000		7,790		25,000	1,400	5,899	4,020		100	1,281	70,375
College of Hawaii.				14,000	685			50,000		11,750	14,158				262,157
University of Idaho.		2,576,120				32,451		50,000		255,551	177,651			8,159	3,068,941
University of Illinois.		363,162	\$124,964			17,000		50,000		90,240	19,602	80		36,355	701,463
Purdue University, Indiana.				625,000	267,500	35,417		50,000		105,954	127,584		3,000	112,258	1,326,983
Iowa State College.		58,681		400,000	2,350	27,026		50,000		88,931	156,656				781,903
Kansas State Agricultural College.				125,194		8,616	5,440	26,856		13,315				421	214,611
University of Kentucky.				125,000	16,250	5,915		50,000		78,247	814		4,000	20,025	211,611
Louisiana State University.				30,000		6,147		50,000		36,233		2,500	3,400	39,035	301,757
Maryland State College of Agriculture.				245,000	107,443	7,300		33,233	246,489	69,250	68,286			11,340	545,274
Massachusetts Agricultural College.	3,313					5,307		16,467		573,715			90,050	106,910	1,019,068
Massachusetts Institute of Technology.		394,000	110,000		110,000	69,437		50,000		137,679					1,023,030
Michigan Agricultural College.															
University of Minnesota.		285,749		947,311	47,500	19,863	39,712	50,000		537,850	257,583				2,163,598
Mississippi Agricultural and Mechanical College.															
University of Missouri.				155,772	2,490	5,915	8,473	22,731		116,929	88,245			40,000	435,595
Montana State College.	46,103			470,491	65,128	18,778		44,875		229,849	71,256			27,386	975,965
University of Nebraska.				74,684	31,081	31,081	(1)	50,000		128,437	88,371			62,864	1,388,399
				57,500	85,000	35,771	15,330	50,000							

University of Nevada.....	98,211	30,000	123,000	6,484	1,820	50,000	6,000	31,846	28,700	1,288	346,321
New Hampshire College of Agriculture and Forestry.....		34,358		4,800		50,000	35,000	42,774	68,751		235,762
Rutgers College of Agriculture and Forestry.....		97,108		5,800		50,000	31,628	58,963	21,848	4,947	303,816
New Mexico College of Agriculture and Forestry.....											
Mechanic Arts.....		32,077		34,429	11,910	50,000	681,968	927,019	509,092	98,453	127,014
Cornell University, New York.....		592,131	129,015			50,000		14,225	17,514		3,076,892
North Carolina State College of Agriculture and Forestry.....		105,000		7,500		31,500		78,154	22,419		245,079
North Dakota Agricultural College.....		81,800		69,510		50,000		11,388	12,908	8,606	205,445
Ohio State University.....	8,397	1,284,689	102,620	16,725	5,875	50,000		205,298	87,197	319	1,836,572
Oregon Agricultural College.....		215,152				50,171		28,035	33,261		326,619
Pennsylvania State College.....		448,323	65,000	12,803		50,000		81,714	26,711		604,543
University of Porto Rico.....	40,389		31,070			50,000	74,006	2,136		91,530	697,105
Rhode Island State College.....		40,000		2,500		50,000		1,655	2,719		144,743
Illinois Agricultural College, South.....		287,944		5,754		50,000		85,115	8,831		242,946
University of Tennessee.....		81,000	33,488	40,840	(*)	25,000		151,275		3,512	431,240
Agricultural and Mechanical College of Texas.....		100,849		25,900		38,000	2,369	63,602	6,098	3,199	275,420
Agricultural College of Utah.....		401,150	324,105	10,450		37,500		197,051	114,840		241,686
University of Vermont.....		50,800	2,684	12,014		50,000		10,522	7,516		1,150,423
Virginia Polytechnic Institute.....		65,000	8,130	4,121		50,000	36,122	78,318		2,354	168,187
State College of Washington.....		65,000	20,333	40,666	52,000	50,000		90,752	102	21,134	248,730
West Virginia University.....		220,000	200,000	6,000		50,000		31,834	56,018	97,718	327,795
University of Wisconsin.....	10,575	1,225,048	29,003	13,362	12,526	50,000		31,949	11,529		826,660
University of Wyoming.....		82,613	28,222	17,070	18,718	50,000		685,750	339,727	21,800	531,478
Total.....	160,766	6,441,533	892,116	9,987,399	3,516,233	2,261,313	1,270,009	5,835,839	2,921,253	547,117	2,645,584
Facilities for colored students.											272,682
State Agricultural and Mechanical College for Negroes, Alabama.....		4,000				22,100		2,497	1,165		29,932
Branch Normal College, Arkansas.....		3,000				13,636		1,265	1,774		19,706
State College for Colored Students, Delaware.....		3,800				1,700		3,234	1,153		17,909
Florida Agricultural and Mechanical College.....		9,000				25,000		20,227	727	300	55,254
Georgia State Industrial College.....		8,000				16,867					24,667

* When impossible to separate experiment station and extension funds from other college funds, all are included in this table.

* No separation of land-grant funds, total under land-grant fund of 1862.

* \$171 is bank interest.

* Total mill-tax levy, including levy for permanent improvements, included in mill-tax levy for support.

* Of this amount \$471.50 is interest on endowment, the balance is a fund composed of 50 per cent of the fines paid into the courts of Porto Rico.

* Privilege of the fertilizer tax.

TABLE 9.—Income of colleges of agriculture and the mechanic arts, in 1916-17, for instruction and administration—Continued.

Institutions.	State funds.				United States funds.						From private gifts.					Total income, excluding extension and experiment station.
	From endowment grant by the State.	From mill-tax for support.	From mill-tax for permanent improvements.	From appropriations for permanent support.	From appropriations for permanent improvements.	From land-grant funds of 1862.	From other land grants.	Morrill-Nelson funds of 1890 and 1907.	From college endowment funds.	From tuition, fees, and lodging.	From departmental earnings.	From private gifts for support.	From private gifts for permanent improvement and endowment.	Miscellaneous.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
<i>Institutions for colored students—Contd.</i>																
Kentucky Normal and Industrial Institute				\$18,250		\$1,256		\$7,250		\$10,115					\$49,901	
Southern University and Agricultural School, Tennessee				12,500				21,144		16,823	\$1,337			\$177	51,961	
Paul Robeson College, Maryland				4,436				10,000		10,086	832	\$100	\$1,371	312	27,200	
Albion Agricultural and Mechanical College, Mississippi				8,000	\$5,500	6,815	\$5,778	27,269		23,215	3,038				79,635	
Lincoln Agricultural and Mechanical College, Missouri				51,974				3,125		2,974	806				58,879	
Negro Agricultural and Technical College, North Carolina				15,000				16,500		13,179	10,031			735	55,445	
Colored Agricultural and Normal University, Oklahoma				45,000	16,200			5,000						9,401	71,870	
Colored Normal Industrial, Agricultural and Mechanical College, South Carolina																
Agricultural and Industrial State Normal School, Tennessee				11,500	25,000	5,754		25,000		5,880					73,114	
Pauline V. State Normal and Industrial Institute, Tennessee				23,831	75,000			12,000		20,517	5,547				137,025	
Florida Normal and Agricultural Institute, Florida				61,255	137,200			12,500		12,075	20,719				323,749	
Hampton Normal and Agricultural Institute, Virginia				600		10,320		16,667	\$129,498					143,883	640,393	
West Virginia Collegiate Institute				33,500	8,500			10,000		19,752				721	72,473	
Total				313,446	267,469	21,151	5,778	253,358	129,498	241,929	49,159	141,283	351,223	17,335	1,901,132	
Grand total	\$106,766,441,533	\$992,116	\$10,300,845	\$3,783,702	\$90,170	\$241,840	\$2,516,161	\$2,970,112	\$2,970,112	\$2,970,112	\$2,970,112	\$2,970,112	\$2,970,112	\$2,970,112	\$2,970,112	\$2,970,112

AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

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TABLE 10.—Income of colleges of agriculture and the mechanic arts, in 1916-17, for experiment stations and for extension service.

Institutions.	Funds for the experiment stations.					Funds for the extension service.					Grand total income of institutions for 1916-17.
	State funds.	United States funds.	Private gifts.	Experiment-station earnings.	Total of experiment-station income.	State funds, Smith-Lever and others.	United States funds.	County, municipal, or associations funds.	Private gifts and miscellaneous.	Total extension-service income.	
1	2	3	4	5	6	7	8	9	10	11	12
Alabama Polytechnic Institute.....	\$28,125	\$30,000		\$10,150	\$50,125	\$27,490	\$49,402	\$42,119		\$119,008	\$315,355
University of Arkansas.....	28,150	30,000		89,370	30,839	10,000	13,145	4,998		28,143	500,706
University of California.....	120,798	30,000		80,412	233,548	30,370	40,250	75,373	80,604	189,057	410,108
Connecticut Agricultural College.....	31,543	30,000	\$2,300		61,543	17,480	18,768	22,356	38,013	88,248	4,320,055
University of Florida.....	4,500	15,000		12,179	86,670	17,500	12,502		400	30,462	369,905
Georgia State College of Agriculture.....	10,000	30,000		7,279	52,279	14,893	12,412			27,105	358,004
College of Hawaii.....		30,000	2,500	3,620	36,120	21,893	21,993	123,424	14,406	43,785	286,302
University of Idaho.....		30,000		5,578	35,578	88,681	56,181			284,632	430,777
University of Illinois.....		30,000		5,699	35,699	5,699	16,700			21,399	319,134
Purdue University, Indiana.....		30,000		53,263	83,263	58,184				58,184	3,240,388
Iowa State College.....	91,000	30,000	105,594	217,840	444,434	30,000	44,707	2,261		76,988	1,223,865
Kansas State Agricultural College.....	153,000	30,000		36,113	219,113	111,000	44,432		3,383	158,815	1,704,911
University of Kentucky.....	52,553	30,000		54,122	159,123	66,666	38,085			103,381	1,047,467
Louisiana State University.....	24,500	30,000		127,174	282,251	18,000	48,662	6,200	(*)	72,862	528,904
University of Maine.....	21,275	30,000		27,534	82,064	20,000	35,854			55,854	360,899
Maryland State College of Agriculture.....	30,000	30,000		15,996	86,201	8,047		1,145		28,092	401,050
Massachusetts Agricultural College.....	36,000	30,000		12,208	72,208	66,203	42,203			98,406	292,994
Massachusetts Institute of Technology.....		30,000		67,401	97,401	30,000	14,152		5,062	69,814	712,489
University of Minnesota.....	15,000	30,000		17,137	62,137	41,000	43,069			84,107	1,049,088
Mississippi Agricultural and Mechanical College.....	179,450	30,000		61,823	271,273	87,315			138	84,197	1,199,954
University of Missouri.....	25,425	30,000		17,725	83,150	19,020	45,437	44,435		89,315	2,572,156
Montana State College of Agriculture and Mechanic Arts.....	20,213	30,000		29,916	80,129	82,615	52,229	18,857		109,392	627,037
University of Nebraska.....	66,043	30,000		12,963	108,036	47,410	13,225	12,635	2,600	153,701	1,200,965
University of Nevada.....	27,250	30,000		48,055	105,305	25,000	29,646			74,546	858,564
New Hampshire College of Agriculture and Mechanic Arts.....	1,000	30,000			31,000	9,239	11,577			64,646	1,548,340
Rutgers College, New Jersey.....	171,106	30,000		10,943	40,943	4,211	13,911			20,766	338,067
				27,000	229,106	25,000	24,041	18,200	600	18,122	294,817
										67,841	599,793

* \$82,300 not included, as the funds do not pass through the university treasurer.

TABLE 10.—Income of colleges of agriculture and the mechanic arts, in 1916-17, for experiment stations and for extension service—Continued.

Institutions.	Funds for the experiment stations.					Funds for the extension service.					Grand total income of institutions for 1916-17.
	State funds.	United States funds.	Private gifts.	Experiment-station earnings.	Total of experiment-station income.	State funds, Smith-Lever others.	United States funds.	County, municipal, or associations funds.	Private gifts and miscellaneous.	Total of extension-service income.	
1	2	3	4	5	6	7	8	9	10	11	12
New Mexico College of Agriculture and Mechanic Arts.....	5,346	30,000	125	5,992	41,463	6,258	16,258	15,135	1,522	33,173	277,650
Cornell University, New York.....	(1)	27,000			27,000	148,174	42,080			148,174	3,262,826
North Carolina State College of Agriculture and Engineering.....	45,000	30,000		5,387	35,387	31,453	21,453	26,958		94,160	584,626
North Dakota Agricultural College.....		30,000		30,831	108,831	133,662	55,952	30,050		79,864	292,160
Ohio State University.....		80,000		5,661	40,815	53,953	39,802	30,750		219,664	2,156,286
Oklahoma Agricultural and Mechanical College.....	5,154	37,700	2,000	11,780	79,480	60,050	33,354	21,250		124,506	491,839
Oregon Agricultural College.....	28,000	30,000		48,479	78,479	49,432	77,639			114,654	786,877
Pennsylvania State College.....	(1)	30,000		3,540	33,540	11,028	10,400	2,600	2,000	15,928	902,655
University of Puerto Rico.....		30,000		32,396	64,792	36,767	21,308	16,700		38,767	262,414
Rhode Island State College.....	12,202	30,000		17,148	69,350	30,000	48,269	761		88,006	534,799
South Carolina State College.....	15,200	30,000		37,757	82,957	38,868	21,425	67,000	2,908	91,407	406,776
University of Tennessee.....	135,000	30,000		37,757	202,757	184,868	80,425	8,300		299,144	1,632,303
Agricultural and Mechanical College of Texas.....	15,750	30,000		7,395	53,145	94,790	14,169		30	47,547	268,879
Agricultural College of Utah.....		30,000		21,392	51,392	36,000	45,332	42,156		122,488	222,201
University of Vermont.....	21,062	30,000		17,958	58,320	36,000	21,938		434	38,325	646,382
Virginia Polytechnic Institute.....	33,995	30,000	2,555	84,477	120,027	72,731	25,050	42,480	1,000	141,261	872,324
State College of Washington.....	20,000	30,000	125,000	24,568	199,568	30,000	39,636	1,500		338,316	3,013,900
West Virginia University.....	(1)	30,000			30,000	297,180	12,290			225	312,709
University of Wisconsin.....	1,475	30,000		1,788	33,263	34,419				46,964	
University of Wyoming.....		30,000									
Total.....	1,588,883	1,309,700	242,470	1,213,216	4,144,269	2,314,383	1,410,876	696,334	79,985	4,501,578	44,955,975
<i>Institutions for colored students.</i>											
State Agricultural and Mechanical College for Negroes, Alabama.....											26,932
Branch Normal College, Arkansas.....											19,706
State College for Colored Students, Delaware.....						5,000				5,000	17,909
Florida Agricultural and Mechanical College for Negroes.....											24,264
Georgia State Industrial College.....											24,697
Kentucky Normal and Industrial Institute for Colored Persons.....											56,801

Western University and Agricultural and Mechanical College, Cincinnati, Ohio																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Funds are included with those for instruction and administration in Table 9.

AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

TABLE 11.—Disbursement of Morrill-Nelson funds received under acts of Congress approved August 30, 1890, and March 4, 1907, by colleges of agriculture and the mechanic arts for the year ending June 30, 1917.

Institutions.	Balance on hand July 1, 1916.	Appropriation for year ending June 30, 1917.	Total amount available for the year 1916-17.	For instructions in—										Special preparation of teachers.	Total expenditures for the year 1916-17.	Balance on hand July 1, 1917.
				1	2	3	4	5	6	7	8	9	10	11	12	13
Alabama Technic Institute.....	0	\$27,000.00	\$27,000.00	\$2,087.50	\$12,500.00	\$1,990.50	\$1,923.00	\$1,125.00							\$27,000.00	0
University of Arizona.....	\$218.57	50,000.00	50,218.57	5,810.50	17,770.00	4,950.00	1,083.56	11,853.41							50,218.57	\$1,197.57
University of Arkansas.....	0	35,353.51	35,353.51	1,775.70	5,151.00	3,550.00	1,377.61	5,150.01							35,353.51	0
University of California.....	0	50,000.00	50,000.00	21,775.72	12,599.92	5,077.37	2,817.92	18,915.17							50,000.00	0
California Agricultural College.....	0	50,000.00	50,000.00	16,723.89	11,208.11	3,208.11	2,817.92	18,915.17							50,000.00	0
Connecticut Agricultural College.....	3.88	50,000.00	50,003.88	16,723.89	11,208.11	3,208.11	2,817.92	18,915.17							50,003.88	0.95
Delaware College.....	982.23	40,000.00	40,982.23	5,021.88	12,531.90	1,601.16	3,208.18	11,710.93							40,982.23	1,033.13
University of Florida.....	1.18	25,000.00	25,001.18	3,984.00	6,913.33	2,317.12	2,719.25	7,600.00							25,001.18	41.48
Georgia State College of Agriculture and Mechanic Arts.....	0	31,333.34	31,333.34	7,040.86	5,500.00	3,360.00	13,982.48	2,000.00							31,333.34	0
College of Hawaii.....	893.07	50,000.00	50,893.07	6,751.33	10,811.17	3,261.40	2,824.97	23,494.82							50,893.07	28.47
University of Idaho.....	0	50,000.00	50,000.00	12,386.80	10,041.16	4,000.00	1,780.00	13,692.41							50,000.00	0
University of Illinois.....	0	50,000.00	50,000.00	15,281.43	13,108.17	4,000.00	1,780.00	13,692.41							50,000.00	0
Farleigh University, Indiana.....	0	50,000.00	50,000.00	18,180.13	11,270.99	2,600.98	1,057.90	15,094.78							50,000.00	0
Idaho State College of Agriculture and Mechanic Arts.....	0	50,000.00	50,000.00	14,516.68	13,250.00	2,500.00	1,755.66	12,800.00							50,000.00	0
Idaho State Agricultural College.....	0	50,000.00	50,000.00	28,965.68	8,311.19	8,008.37	4,000.00	12,800.00							50,000.00	0
University of Iowa.....	0	42,750.00	42,750.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00							42,750.00	0
Louisiana State University and Agricultural and Mechanical College.....	0	28,856.35	28,856.35	8,008.08	5,007.31	4,000.00	4,017.10	7,014.73							28,856.35	0
University of Maine.....	0	50,000.00	50,000.00	11,350.00	13,650.00	1,800.00	4,100.00	11,580.00							50,000.00	0
Marland State College of Agriculture.....	0	40,000.00	40,000.00	12,025.00	8,720.00	3,520.00	2,100.00	9,520.00							40,000.00	0
Massachusetts Agricultural College.....	0	31,333.33	31,333.33	16,200.00		1,033.33		16,100.00							31,333.33	0

Michigan Agricultural College	16,066.47	16,664.70	11,040.10	7,880.00	2,940.00	1,290.00	2,940.00	10,650.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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Bank interest on duty, balances as follows: Connecticut Agricultural College, \$51.38; Oklahoma Agricultural and Mechanical College, \$1,170.77; Agricultural and Mechanical College of Texas, \$390.35; total of institutions for white students, \$6,182.58; Colored Agricultural and Normal University, \$240.51; Prairie View State Normal and Industrial College, Texas, \$1,183.61; total of institutions for colored students, \$959.02; grant total, interest on duty, balances, \$7,142.60.

AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

TABLE 1.—Disbursement of Morrill-Nelson funds received under acts of Congress approved August 30, 1890, and March 4, 1907, by colleges of agriculture and the mechanic arts for the year ending June 30, 1917.—Continued.

Institutions.	Balance on hand July 1, 1916.	Appropriation for year ending June 30, 1917.	Total amount available for the year 1916-17.	Disbursements.							Special preparation of the teachers of the elements of agriculture, culture and mechanic arts, and manual arts schedule G.	Total expenditures for the year 1916-17.	Balance on hand July 1, 1917.
				For instructions in—									
				A. Agri- culture, schedule A.	B. Mechanic arts, schedule B.	C. English language, schedule C.	D. Mathematical sciences, schedule D.	E. Natural physical sciences, schedule E.					
Institutions for colored students.													
Agricultural and Mechanical College for Negroes, Alabama.	\$18.27	\$22,100.00	\$22,118.27	\$3,794.58	\$9,310.28	\$1,036.22	\$1,235.72	\$1,221.30	\$3,804.02	\$1,400.00	\$21,914.72	\$203.55	
Branch Normal College, Arkansas.	11,141.03	15,038.36	21,777.39	3,123.97	2,231.18	1,538.70	1,654.17	2,328.53	3,550.71	138.93	18,076.19	6,701.20	
State College for Colored Students, Delaware.	3,833.70	10,000.00	11,833.70	4,008.10	2,617.02	1,313.40	785.00	686.70	1,144.14	50.00	10,664.48	1,137.22	
Florida Agricultural and Mechanical College for Negroes.	1.08	25,000.00	25,001.08	5,750.41	5,703.58	3,975.91	1,894.00	2,391.17	4,000.80		24,211.87	789.21	
Georgia State Industrial College.	2,965.64	16,000.00	19,002.30	3,298.77	7,365.29	3,180.00	726.00	928.98	2,636.39		18,201.43	1,460.87	
Kentucky Normal and Industrial Institute for Colored Persons.	0	7,250.00	7,250.00	1,191.64	1,834.00	1,470.00	800.00	850.00	1,104.36		7,250.00	0	
Lincoln Institute, Louisiana.	11,026.16	21,143.75	32,169.91	8,133.28	7,948.42	5,475.54	2,430.00	800.00	3,048.95	2,008.33	29,864.52	2,305.39	
Pinsonneaux Academy, Maryland.	3.33	10,000.00	10,003.33	1,665.89	3,149.57	1,400.00	710.00	689.65	1,108.44	810.00	8,963.55	9.78	
Alabama Agricultural and Mechanical College, Mississippi.	174.43	27,200.27	27,434.70	4,831.53	6,722.23	2,908.76	3,276.06	2,900.00	3,860.74	500.00	25,097.92	2,345.78	
Lincoln Institute, Missouri.	0	3,125.00	3,125.00	650.00	2,040.00				455.00		3,125.00	0	
Negro Agricultural and Technical College, North Carolina.	0	16,500.00	16,500.00	4,135.81	6,261.31	3,860.00	1,200.00	715.38	207.50		16,500.00	0	
Colored Agricultural and Normal University, Oklahoma.	17.02	16,830.51	16,847.53	983.14	979.96	606.64	306.64	549.96	1,490.05		4,945.29	902.14	
Colored Normal Industrial, Agricultural, and Mechanical College, South Carolina.	1.76	25,000.00	25,001.76	3,453.70	9,971.07	3,909.10	2,312.49	1,994.53	2,370.19		24,011.08	990.68	

AGRICULTURAL AND MECHANICAL COLLEGES, 1910-17.

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Agricultural and Industrial State Normal	2,549.41	12,000.00	14,549.41	1,805.00	1,800.00	2,440.00	1,735.00	1,270.00	3,178.50	12,338.50	2,210.91
School for Negroes, Tennessee	0	12,619.51	12,619.51	2,089.98	4,319.81	1,109.98	1,579.92	1,535.49	1,084.33	12,619.51	0
Prairie View State Normal and Industrial College, Texas	0	16,604.66	16,604.66	3,387.50	8,304.16	575.00	0	1,275.00	3,125.00	16,604.66	0
Hampton Normal and Agricultural Institute, Virginia	22.89	10,000.00	10,022.89	2,845.37	3,938.94	1,048.45	1,842.06	9,662.83	330.07
West Virginia Collegiate Institute	29,784.72	1,254,807.72	284,592.44	55,320.67	87,614.82	35,228.31	21,134.00	18,540.71	39,655.78	205,205.64	19,388.80
Total	39,321.24	1,257,132.60	2,543,753.94	587,471.01	702,838.53	207,928.46	199,002.88	581,734.37	104,991.44	2,618,237.17	25,616.67
Grand total											

* Bank interest on daily balances as follows: Connecticut Agricultural College, \$631.26; Oklahoma Agricultural and Mechanical College, \$5,176.77; Agricultural and Mechanical College of Texas, \$260.53; total of institutions for white students, \$6,068.56; Iowa State College, \$1,185.51; total of institutions for colored students, \$860.02; grand total, interest on daily balances, \$7,132.60.

AGRICULTURAL AND MECHANICAL COLLEGES, 1916-17.

TABLE 12.—Income from the fund derived from the land grant of 1862 or from land grants made in lieu of the grant of 1862, for the year ending June 30, 1917.

Institutions.	Acres received under the grant.	Acres unsold.	Amount of fund.	Income for year 1916-17.	Balance un- expended July 1, 1916.	Expenditures for the year 1916-17—					Balance on hand July 1, 1917.
						Total available for the year ending June 30, 1917.	For salaries.	For facili- ties for instruction.	For all purposes.		
1	2	3	4	5	6	7	8	9	10	11	
Alabama Polytechnic Institute.....	240,000	0	\$254,000.00	\$20,280.00	0	\$20,280.00	\$20,280.00	0	\$20,280.00	0	
University of Arizona.....	104,104	101,104	132,666.67	3,840.00	0	4,117.00	4,117.00	0	4,092.00	0	
University of Arkansas.....	150,000	1,402	732,485.14	42,537.50	\$277.00	42,537.50	42,537.50	0	42,537.50	\$75.00	
University of California.....	150,000	45,000	194,413.96	25,070.36	928.29	26,898.65	17,476.08	0	17,476.08	9,422.57	
Colorado Agricultural College.....	90,000	0	135,000.00	0	13.01	6,770.02	6,770.02	0	6,770.02	0	
Connecticut Agricultural College.....	180,000	0	135,000.00	4,080.00	0	4,980.00	4,200.00	\$780.00	4,980.00	0	
Delaware College.....	90,000	0	135,000.00	7,780.00	0	4,980.00	4,200.00	0	4,980.00	0	
University of Florida.....	90,000	0	135,000.00	7,780.00	0	4,980.00	4,200.00	0	4,980.00	0	
Georgia State College of Agriculture.....	270,000	0	212,202.17	16,954.14	0	16,954.14	13,150.00	3,844.14	16,954.14	0.35	
University of Idaho.....	90,000	62,643	507,458.48	49,745.05	(*)	49,745.05	32,450.66	0	32,450.66	0	
University of Illinois.....	480,000	0	640,013.20	32,450.66	0	32,450.66	32,450.66	0	32,450.66	0	
Purdue University, Indiana.....	390,000	0	340,000.00	17,000.00	0	17,000.00	17,000.00	0	17,000.00	0	
Iowa State College of Agriculture and Mechanic Arts.....	204,309	0	689,526.57	35,417.26	0	35,417.26	35,417.26	0	35,417.26	0	
Kansas State Agricultural College.....	301,000	7,606	491,746.74	27,023.90	16,745.10	43,771.00	27,023.90	0	27,023.90	16,167.10	
University of Kentucky.....	350,000	0	165,000.00	8,614.50	0	8,614.50	8,614.50	0	8,614.50	0	
Louisiana State University and Agricultural and Mechanical College.....	209,920	0	182,213.03	9,115.69	0	9,115.69	9,115.69	0	9,115.69	0	
University of Maine.....	210,000	0	118,300.00	5,915.00	0	5,915.00	5,915.00	0	5,915.00	0	
Maryland State College of Agriculture.....	210,000	0	115,943.60	6,147.18	0	6,147.18	6,045.00	102.18	6,147.18	0	
Massachusetts Agricultural College.....	380,000	0	210,000.00	7,300.00	0	7,300.00	7,300.00	0	7,300.00	0	
Massachusetts Institute of Technology.....	(*)	0	0	3,650.00	0	3,650.00	750.00	2,900.00	3,650.00	0	
Michigan Agricultural College.....	235,663	60,359	991,241.00	69,437.43	21,674.09	69,437.43	69,437.43	0	69,437.43	0	
University of Minnesota.....	94,439	0	616,468.00	19,862.87	0	616,468.00	28,071.51	0	28,071.51	12,565.45	
Mississippi Agricultural and Mechanical College.....	209,920	0	98,575.00	5,914.61	0	5,914.61	5,914.61	0	5,914.61	0	
University of Missouri.....	377,067	47,267	365,881.19	18,353.40	0	18,353.40	18,353.40	0	18,353.40	0.60	
Montana State College of Agriculture and Mechanic Arts.....	138,654	67,214	542,572.34	31,090.95	2,965.84	37,046.79	15,000.00	15,437.44	30,437.44	3,372.38	
University of Nebraska.....	90,000	10,767	633,231.91	35,770.69	9,996.25	45,766.93	41,069.02	0	41,069.02	4,696.93	
University of Nevada.....	80,000	0	107,507.06	3,418.49	1,598.49	5,016.98	0	4,751.26	4,751.26	2,265.72	
New Hampshire College of Agriculture and the Mechanic Arts.....	150,000	0	80,000.00	4,800.00	0	4,800.00	4,800.00	0	4,800.00	0	
Rutgers College, New Jersey.....	210,000	0	116,000.00	5,800.00	0	5,800.00	5,800.00	0	5,800.00	0	
New Mexico College of Agriculture and Mechanic Arts.....	150,000	91,009	0	0	0	0	0	0	0	0	
Cornell University, New York.....	989,920	0	688,576.12	34,428.80	0	34,428.80	34,428.80	0	34,428.80	0	

